

FIG. 1A

FIG. 1B

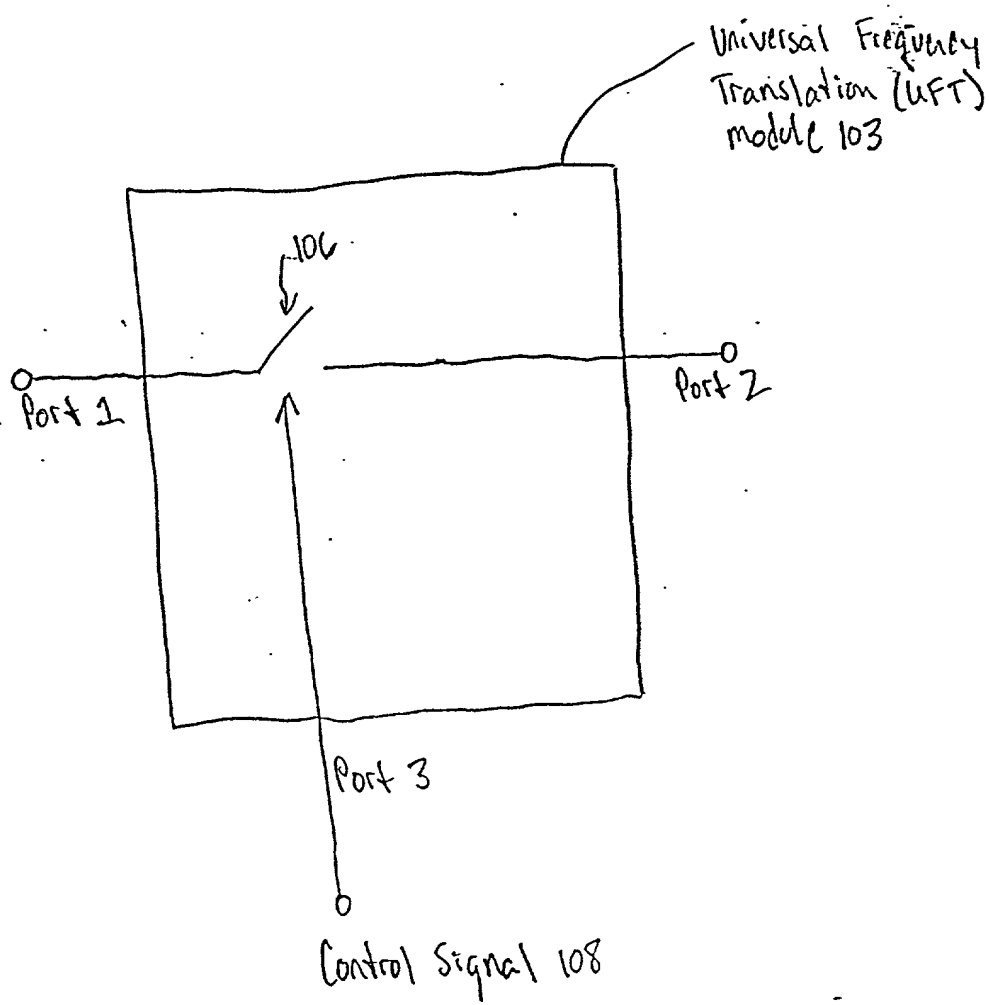


FIG. 1B

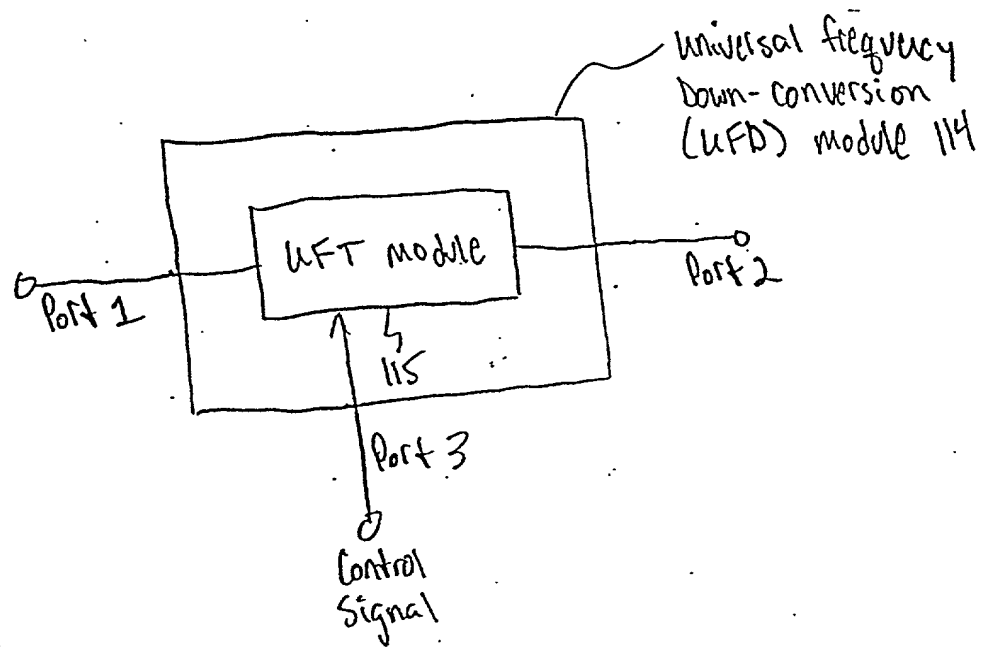


FIG. 1C

09770674 040004

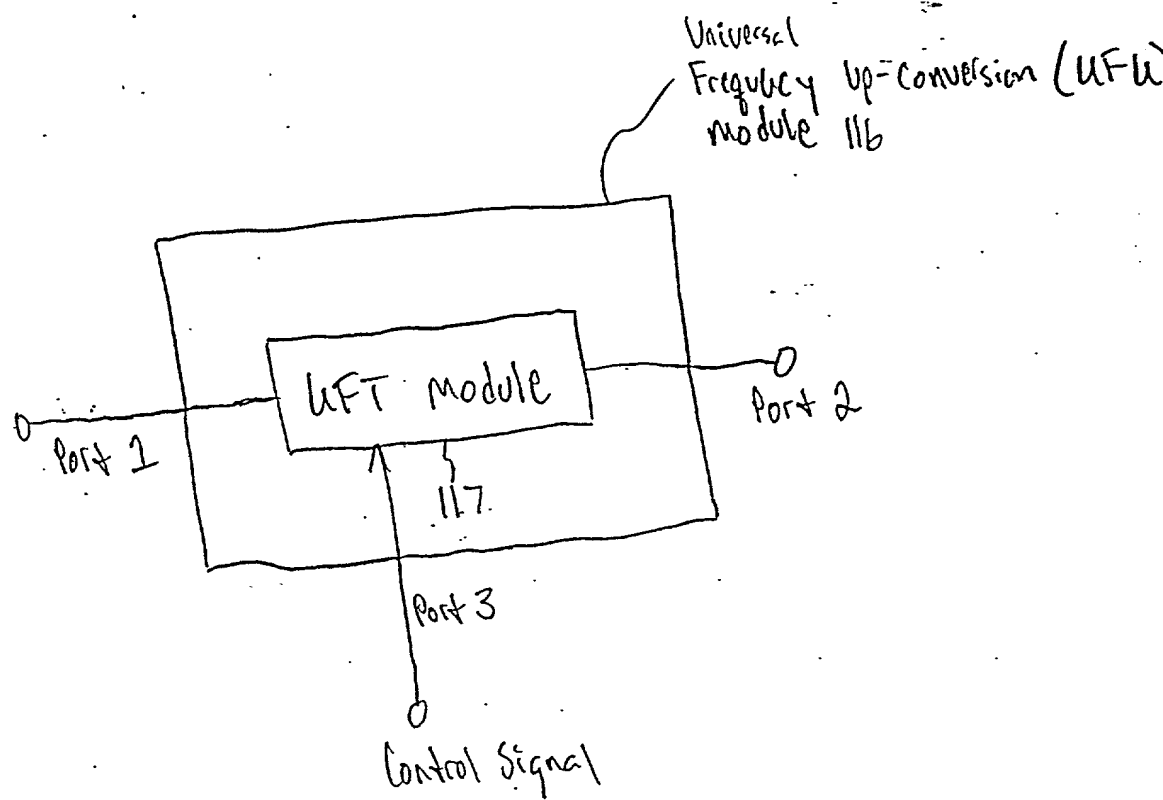


FIG. 10

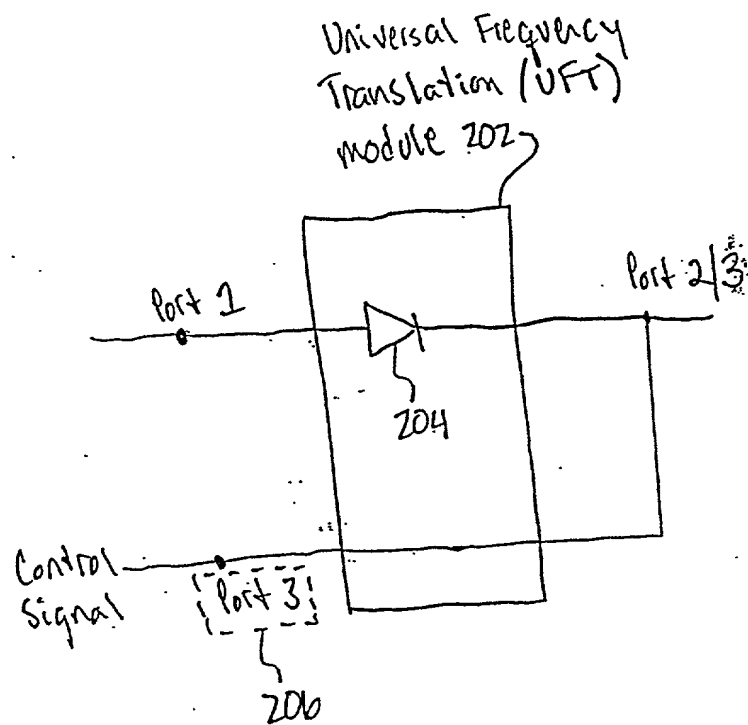


FIG. 2

FIG. 3

Universal Frequency
Up-Conversion (UFU) module 300

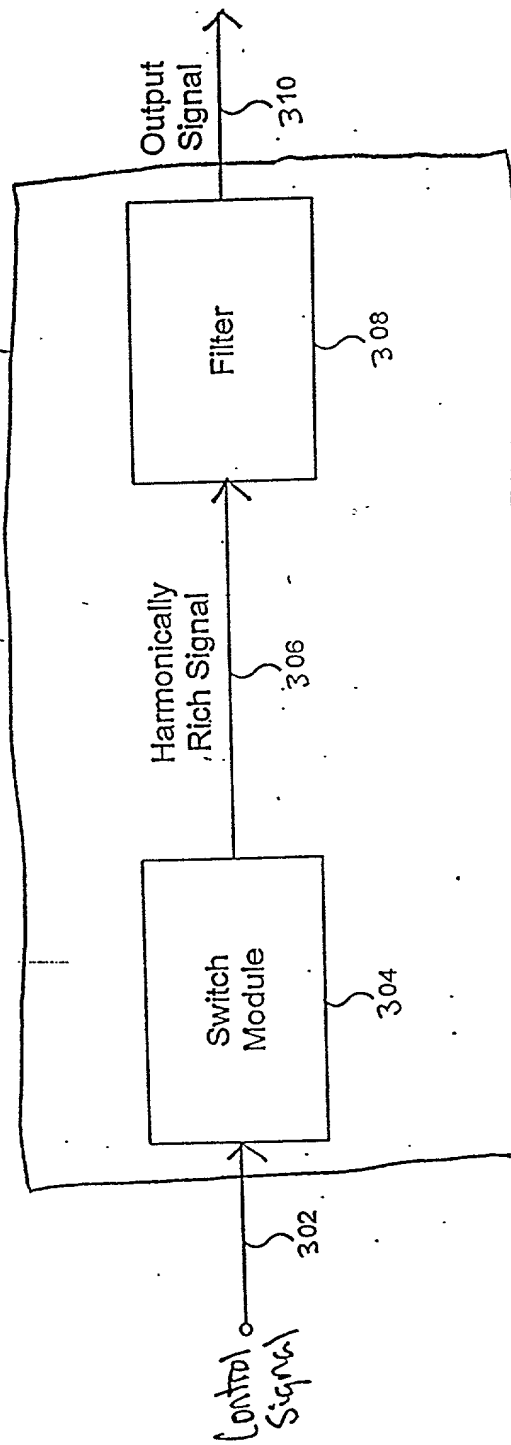


FIG. 3

FIG. 4

Universal Frequency
Up-conversion (UFC) module 401

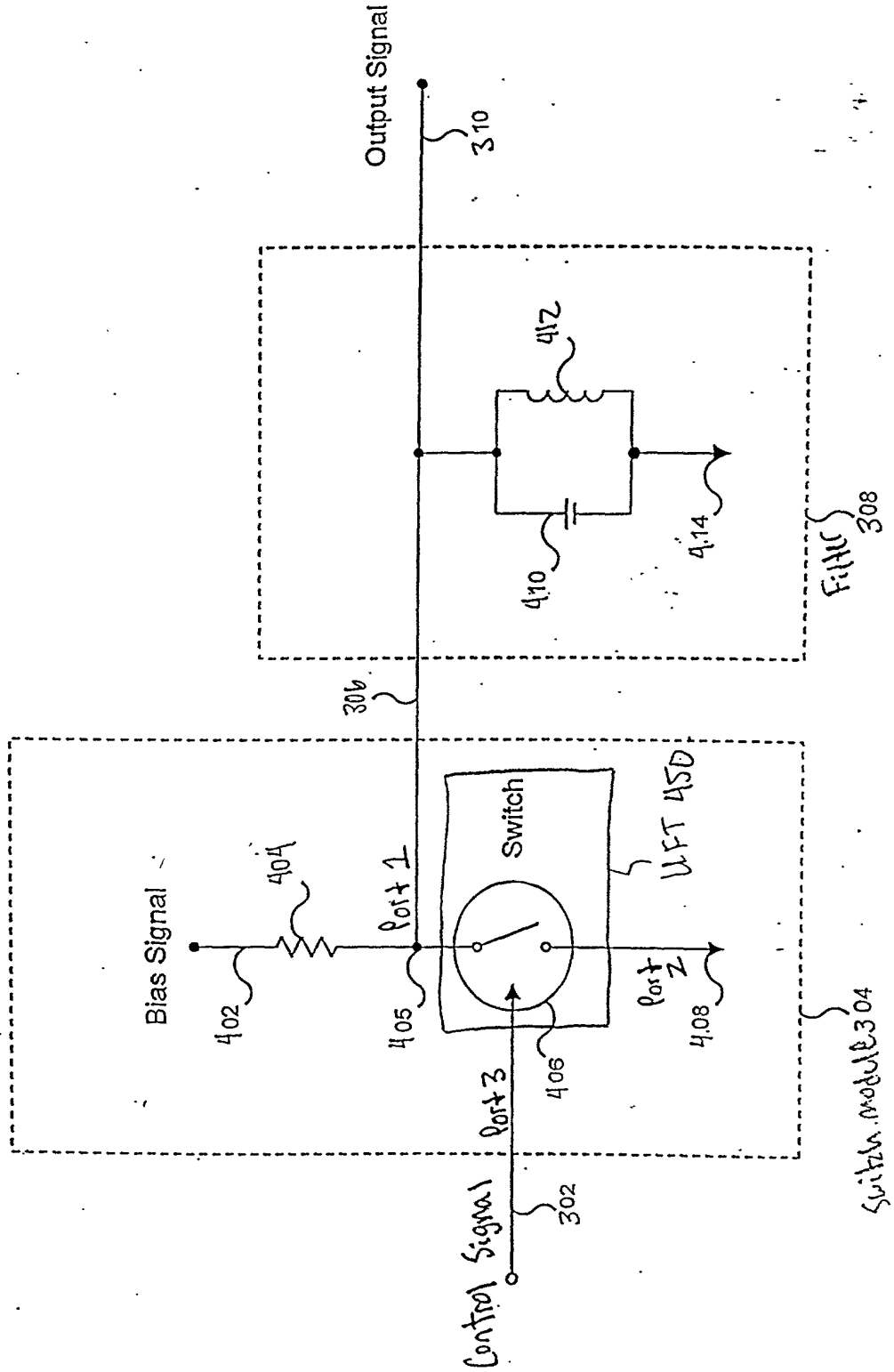


FIG. 4

FIG. 5

Universal Frequency
up-conversion
(UFC) module 500

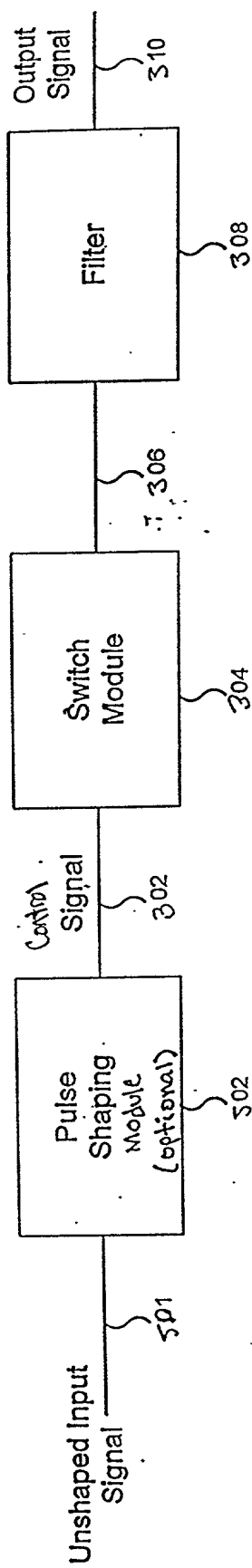
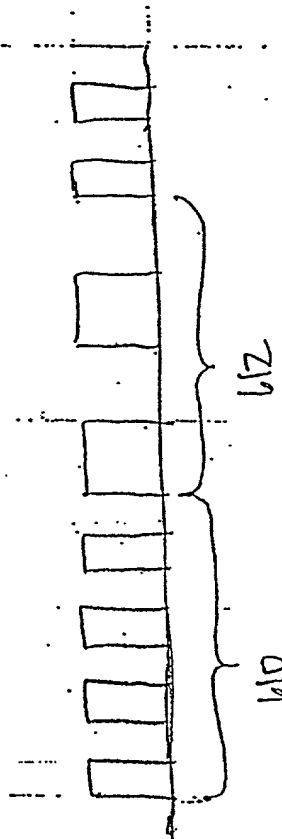
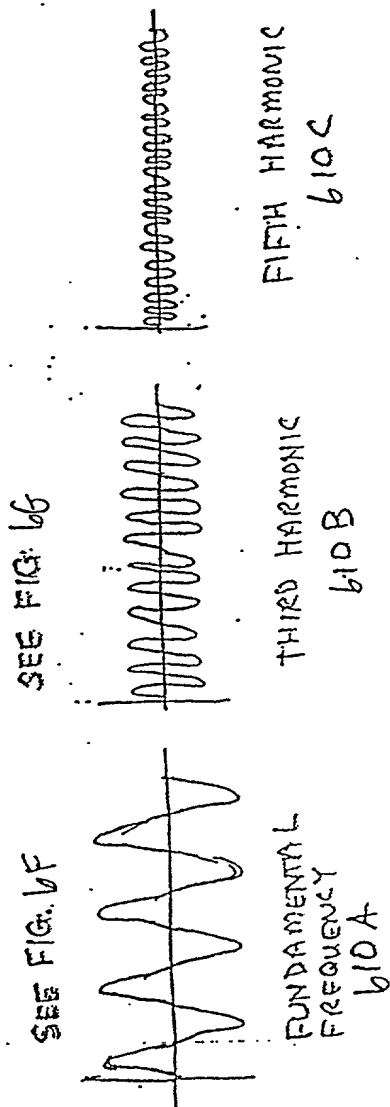


FIG. 5

EXPANDED VIEW OF
HARMONICALLY RICH
SIGNAL 608



HARMONICS OF
SIGNAL $\sin(\omega t)$
(SHOWN SINUSOIDAL)



HARMONICS OF
SIGNAL UZ
(SHOWN SEPARATELY)

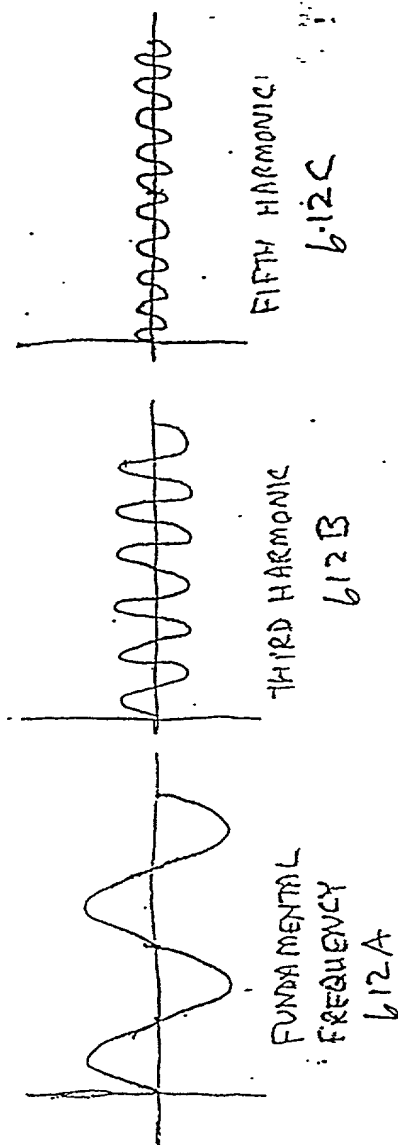


FIG. 6 (cont)

AN **International Brand**

1987-1988

42-361	90 SHEETS EYE GLASS \$ SQUARE
42-362	90 SHEETS EYE GLASS \$ SQUARE
42-363	200 SHEETS EYE GLASS \$ SQUARE
42-364	200 SHEETS EYE GLASS \$ SQUARE
42-365	200 RECYCLED WHITE \$ SQUARE
42-366	200 RECYCLED WHITE \$ SQUARE

Made In U.S.A.

#9 517

612C

Fig. 51

FIG-6 (cont)

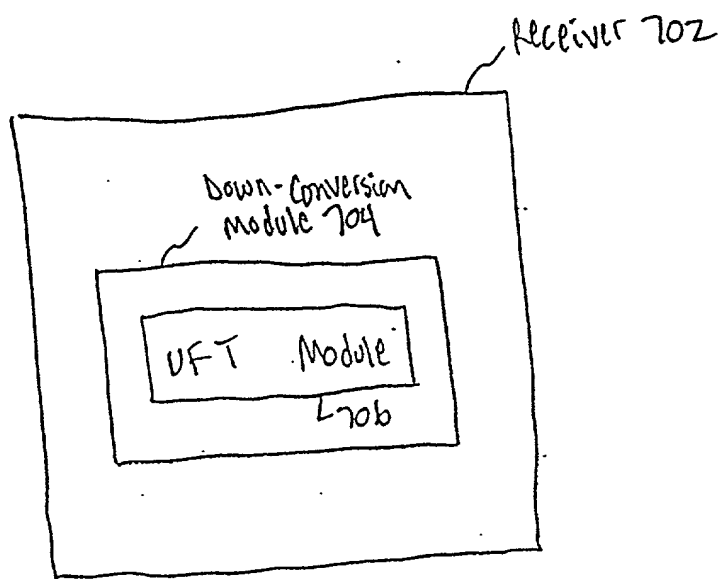


FIG. 7

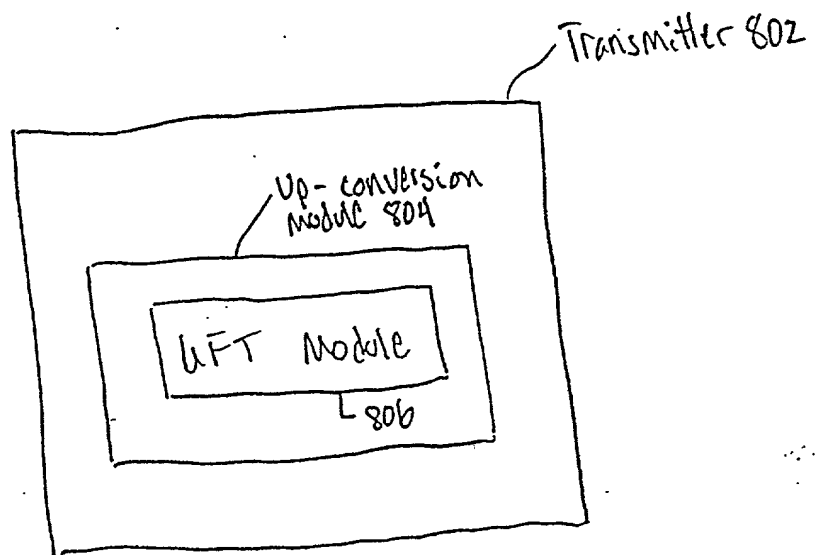


FIG. 8

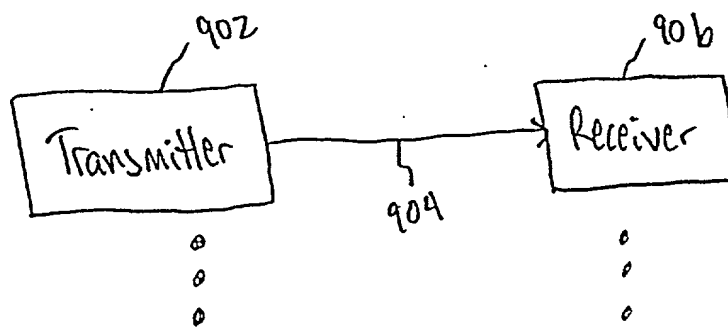


FIG. 9

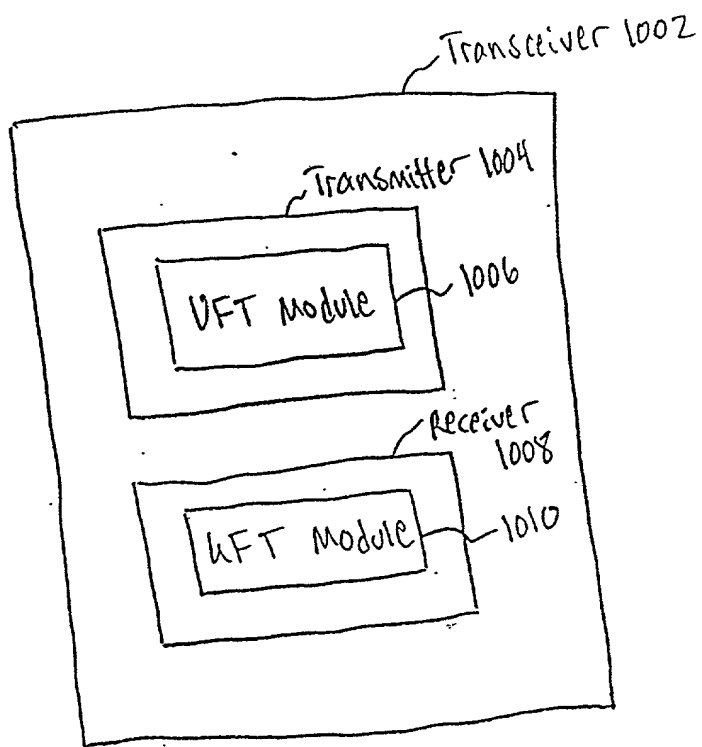


FIG. 10

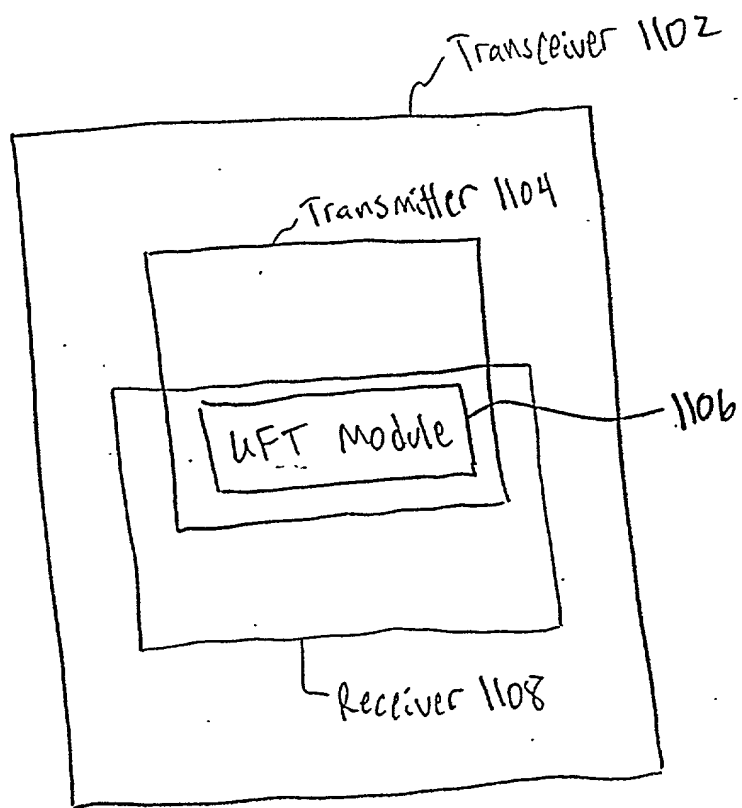
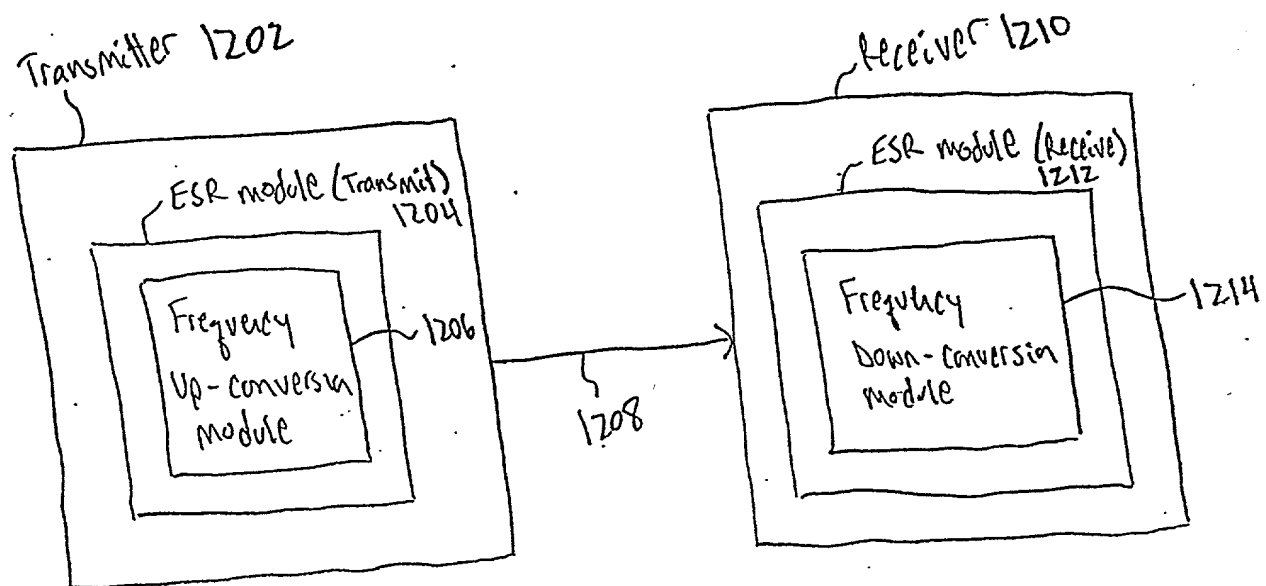


FIG. 11



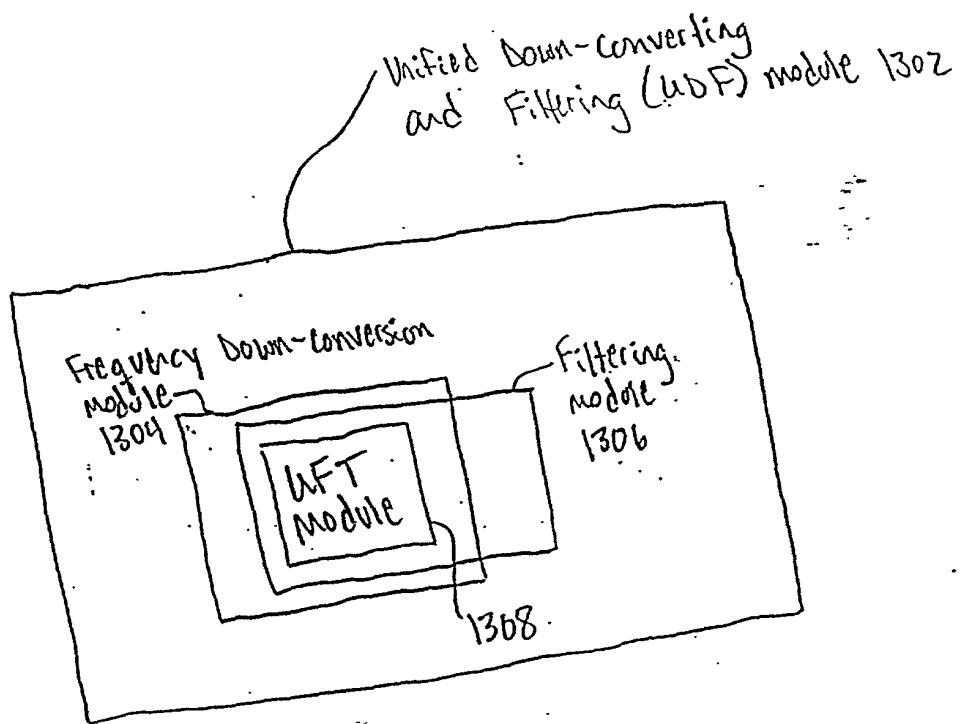


FIG. 13

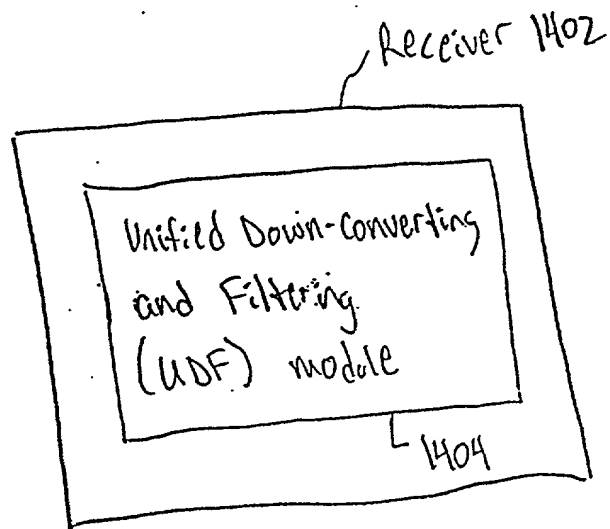
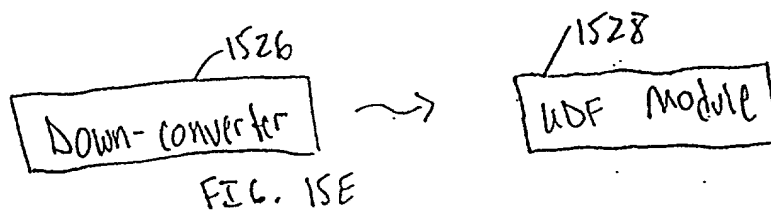
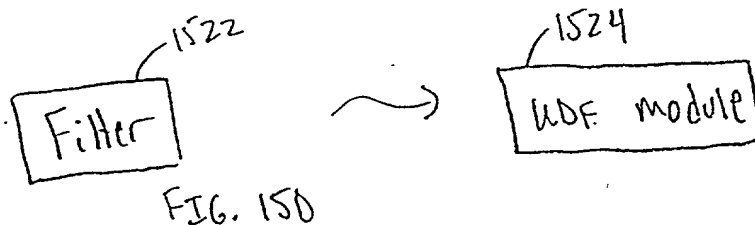
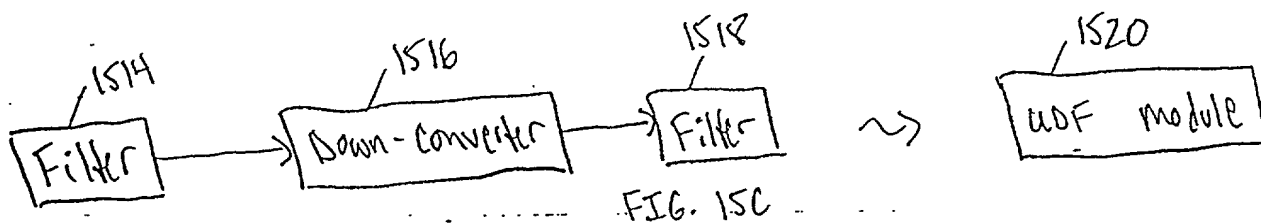
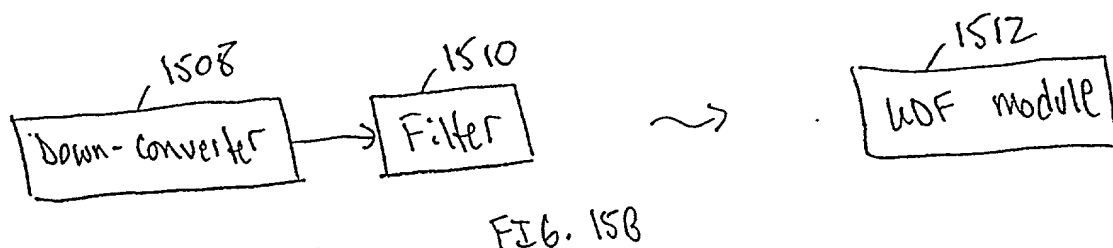


FIG. 14



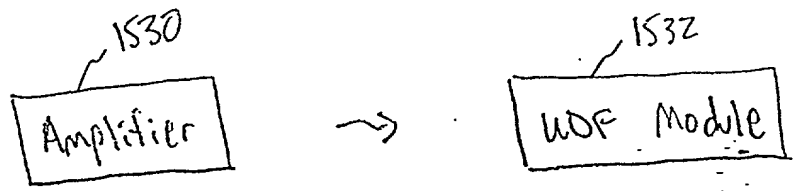


FIG. 15F

FIG. 15F

FIG. 16

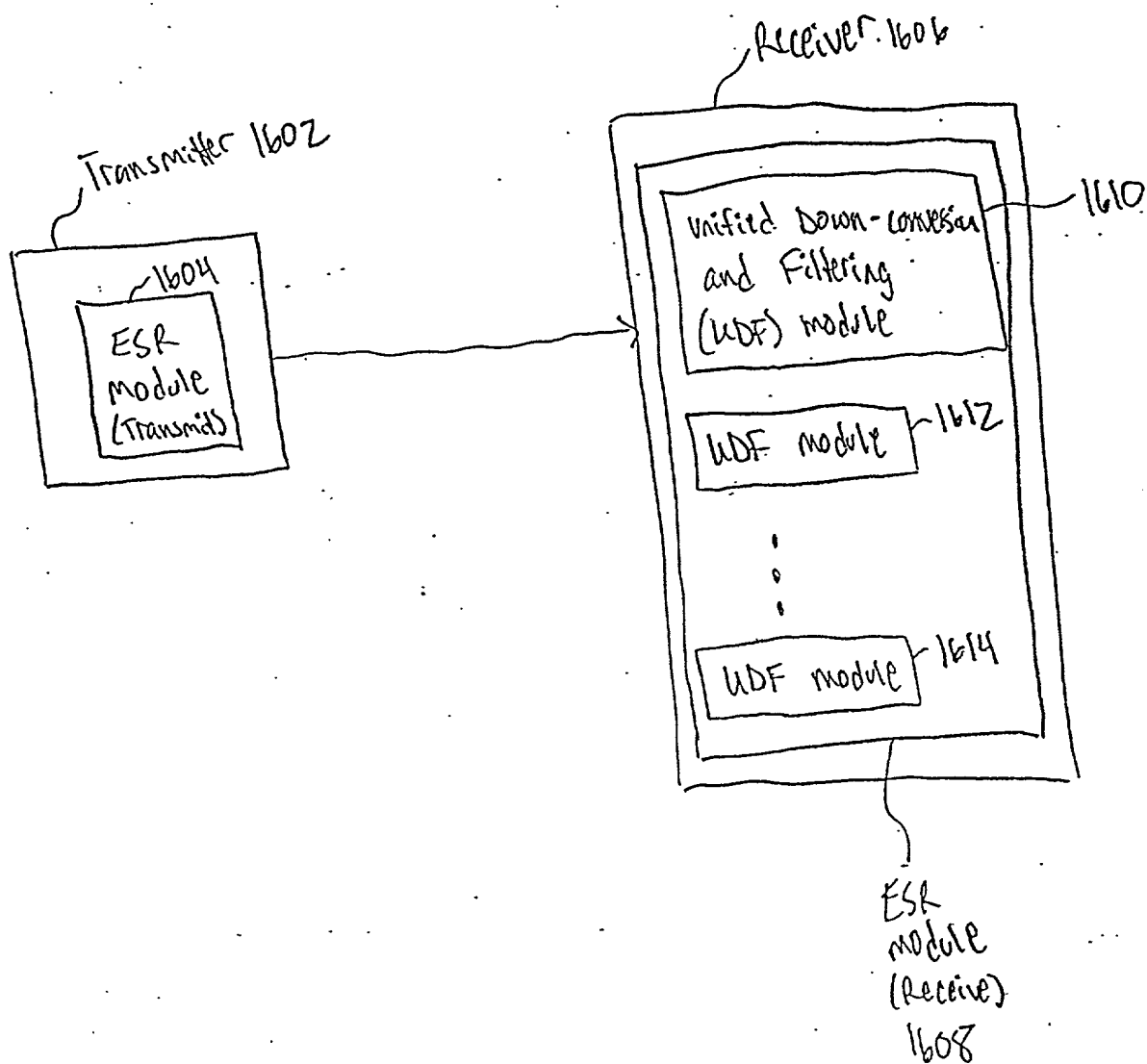


FIG. 16

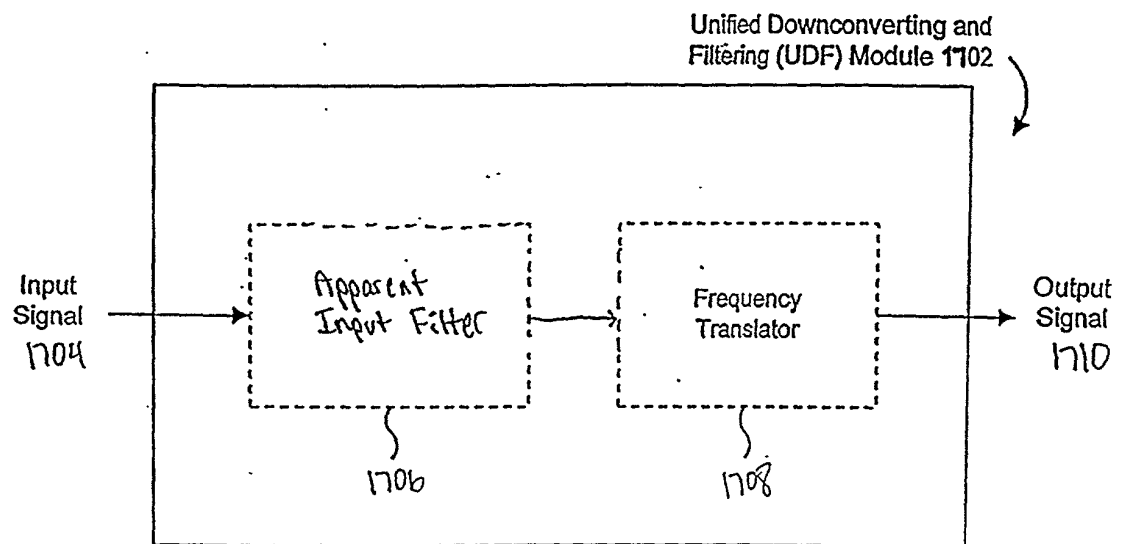


FIG. 17

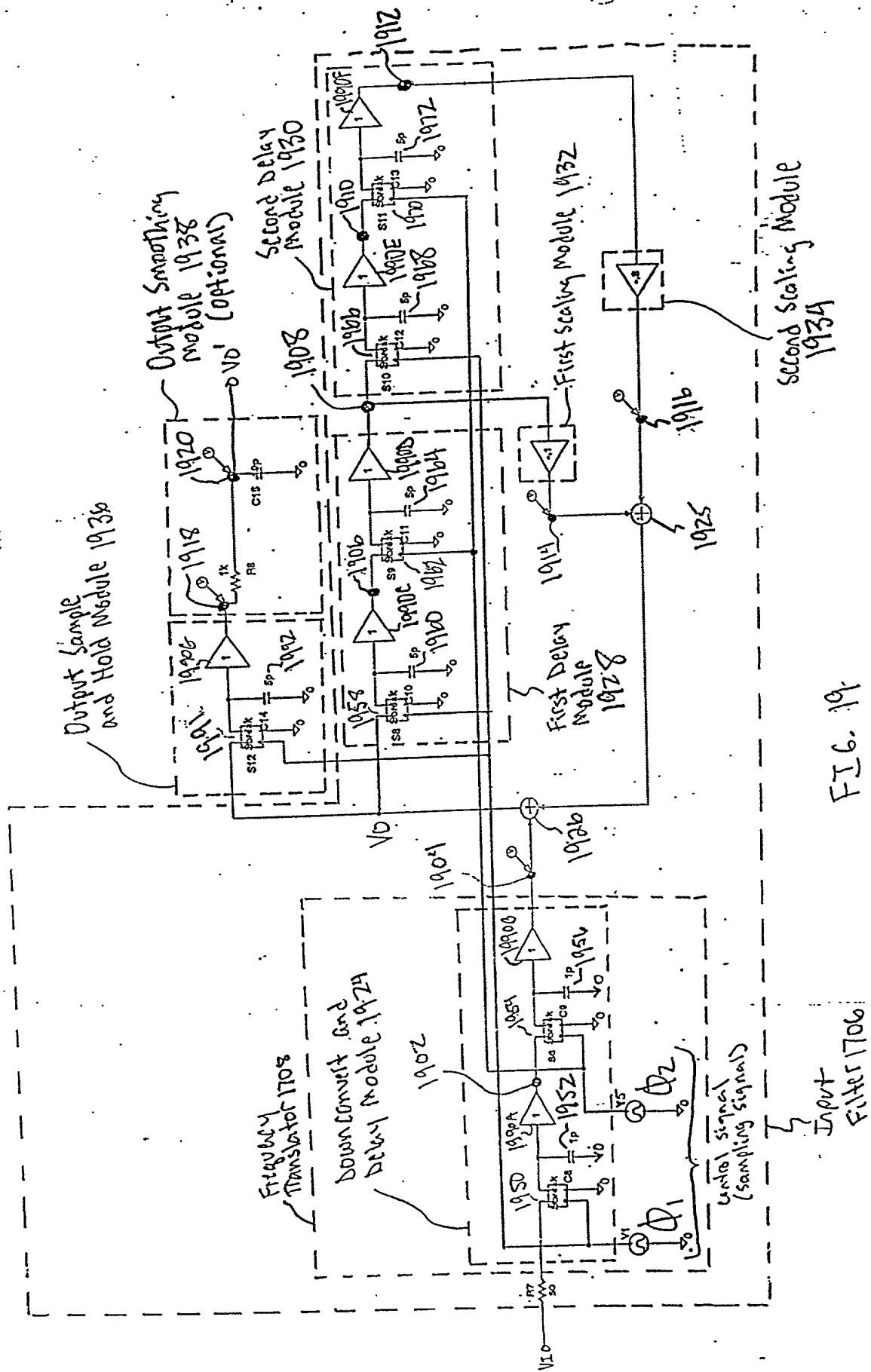
1802

Time Node	t-1 (rising edge of ϕ_1)	t-1 (rising edge of ϕ_2)	t (rising edge of ϕ_1)	t (rising edge of ϕ_2)	t+1 (rising edge of ϕ_1)
1902	VI_{t-1} 1804	VI_{t-1} 1808	VI_t 1816	VI_t 1826	VI_{t+1} 1838
1904	—	VI_{t-1} 1810	VI_{t-1} 1818	VI_t 1828	VI_t 1840
1906	VO_{t-1} 1806	VO_{t-1} 1812	VO_t 1820	VO_t 1830	VO_{t+1} 1842
1908	—	VO_{t-1} 1814	VO_{t-1} 1822	VO_t 1832	VO_t 1844
1910	— 1807	—	VO_{t-1} 1824	VO_{t-1} 1834	VO_t 1846
1912	—	— 1815	—	VO_{t-1} 1836	VO_{t-1} 1848
1918	—	—	—	—	VI_t 1850 $0.1 * VO_t$ $0.8 * VO_{t-1}$

FIG. 18

FIG. 19

VSF Module 1922
(band pass)



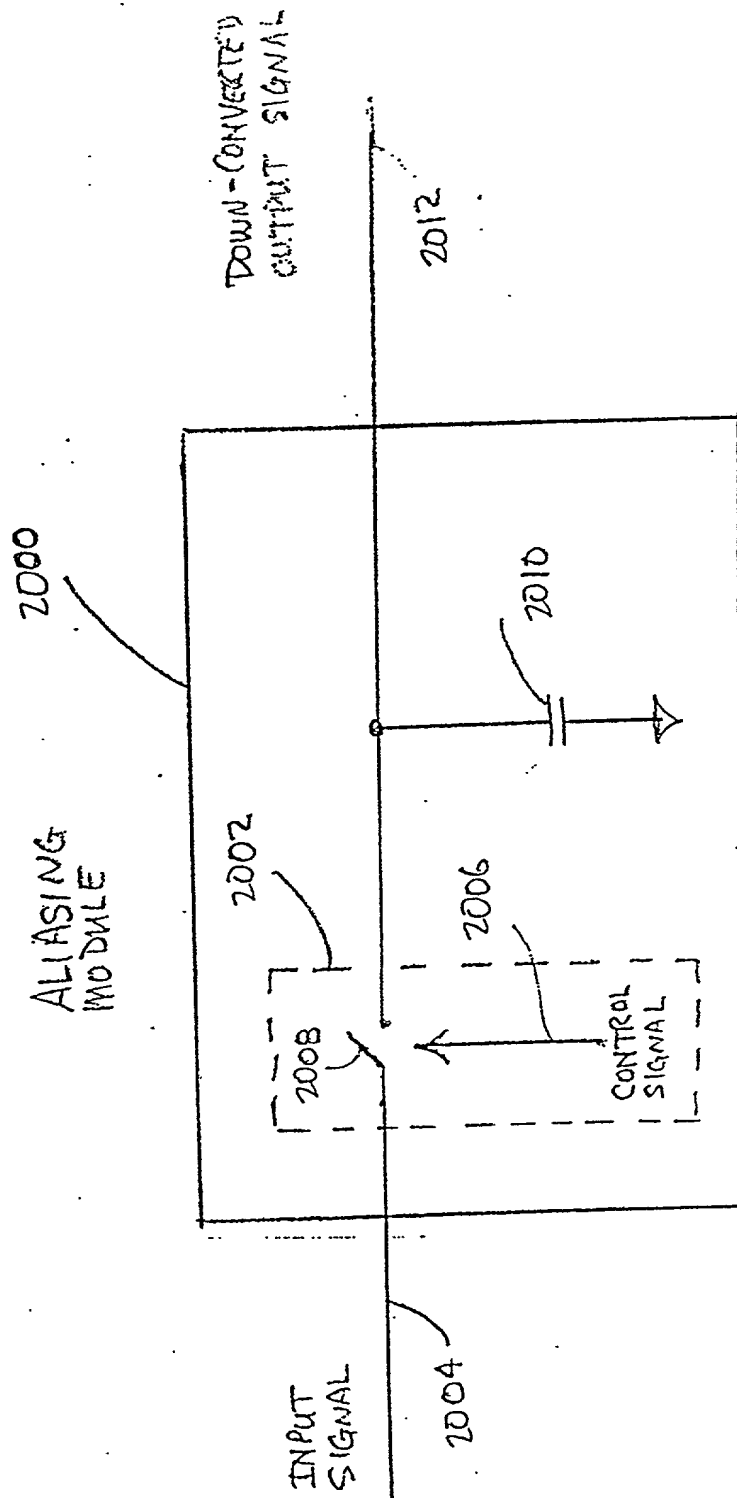


FIG. 20A

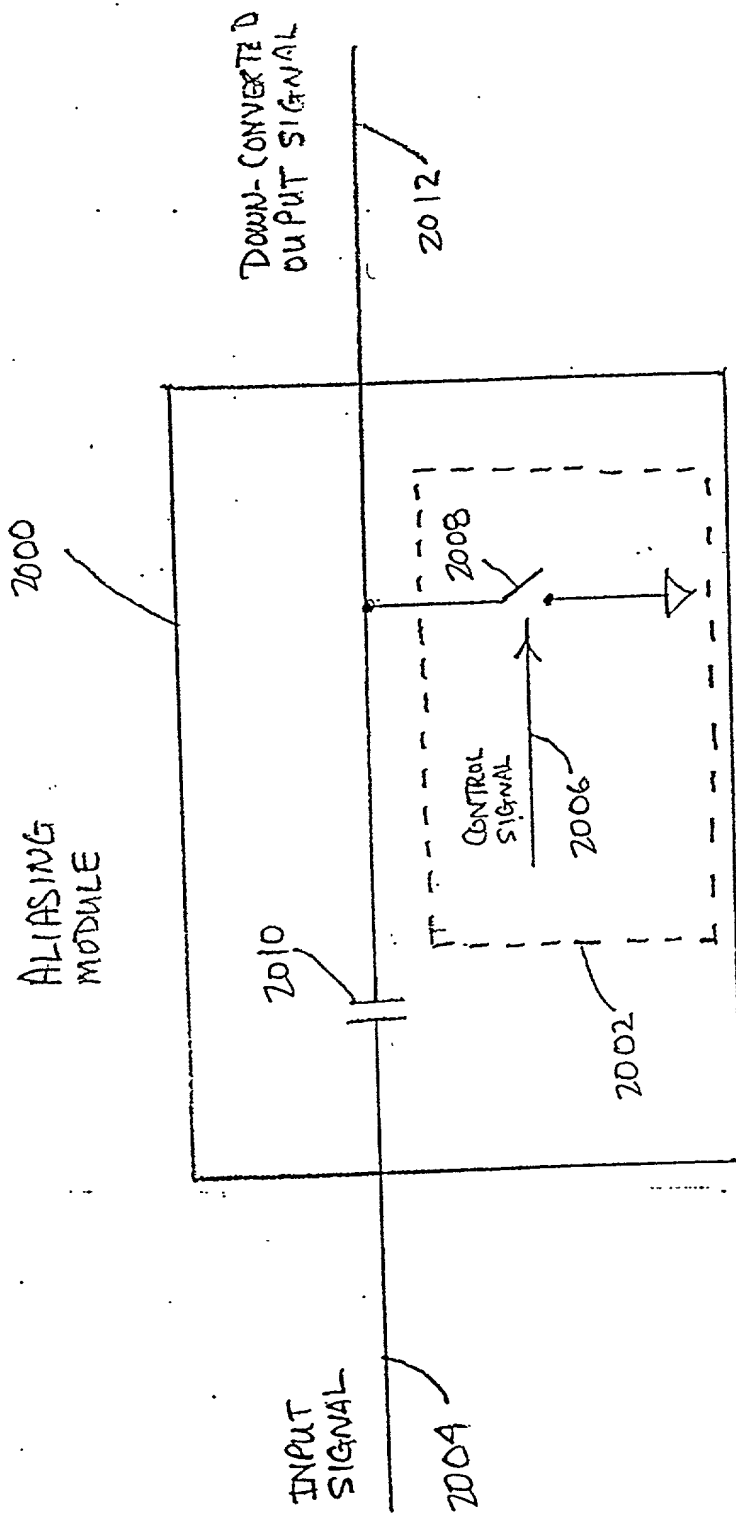


FIG. 20A-1

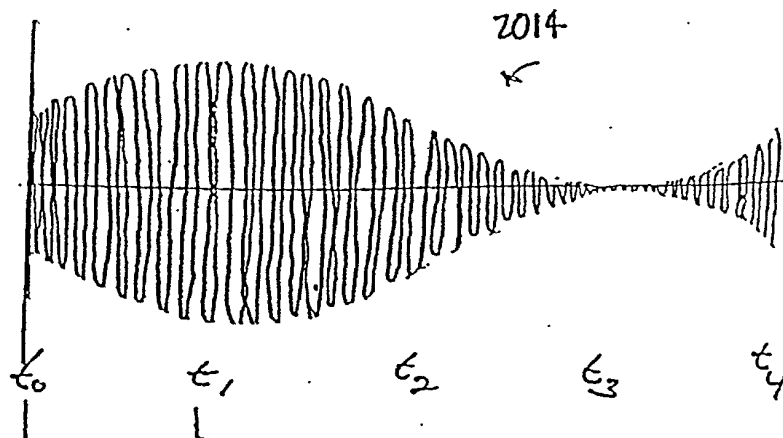


FIG. 20B

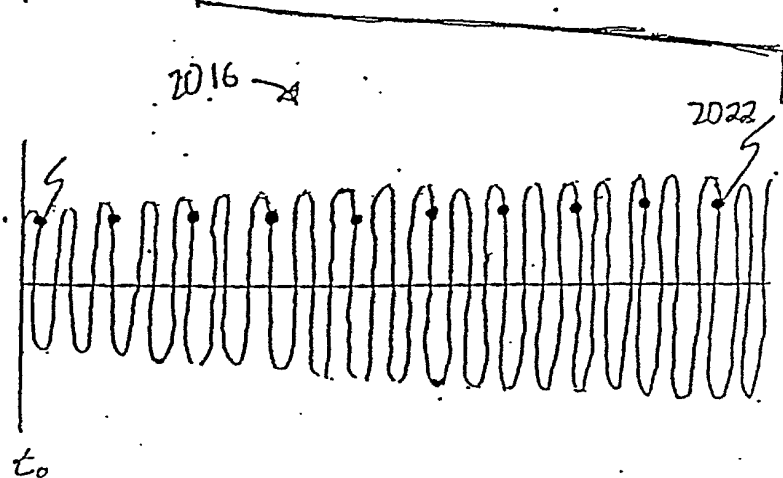


FIG. 20C

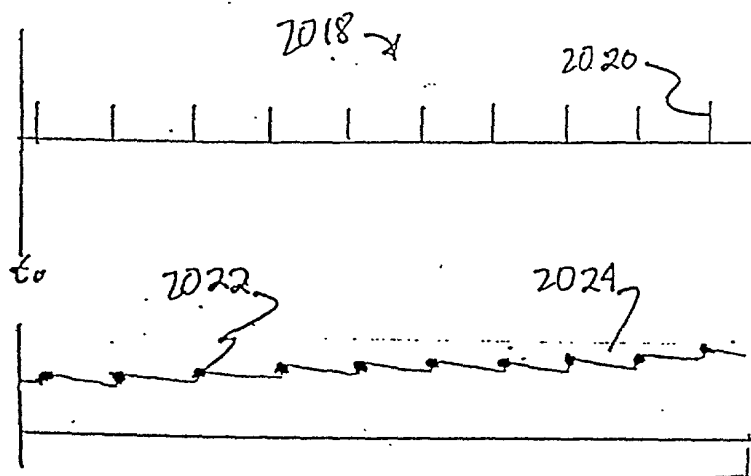


FIG. 20D

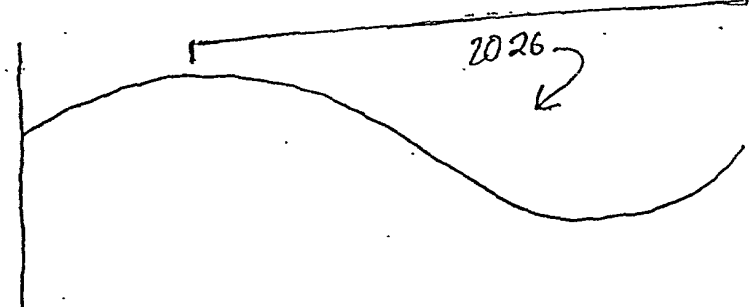


FIG. 20E



FIG. 20F

FIG. 20A

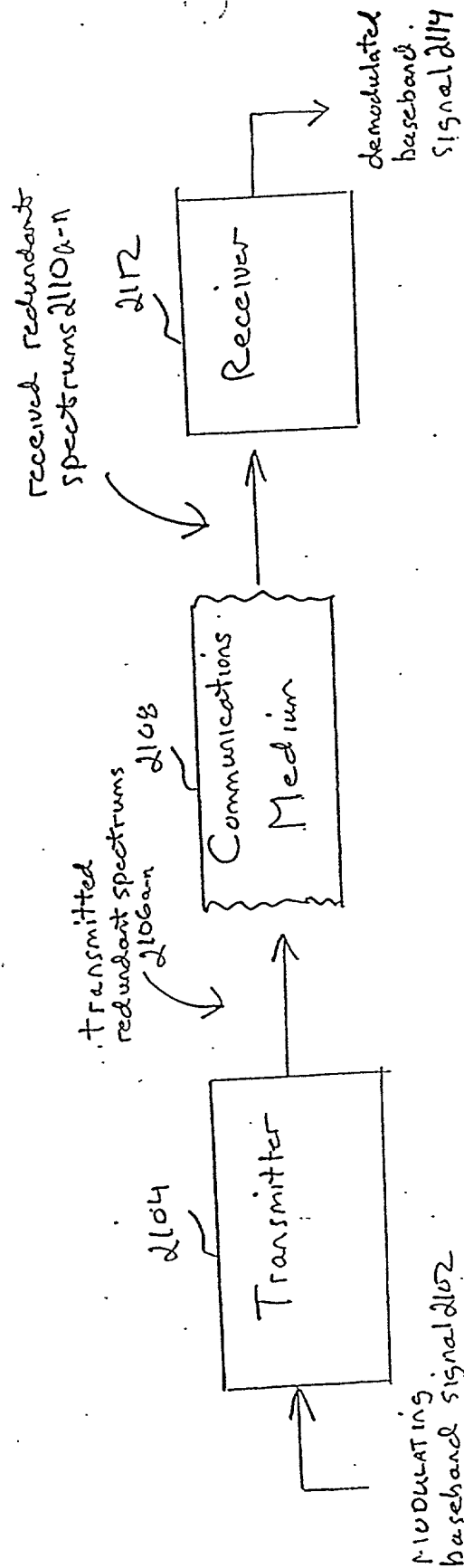


FIG. 21

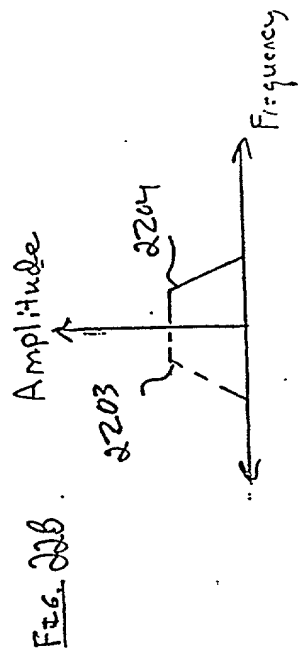
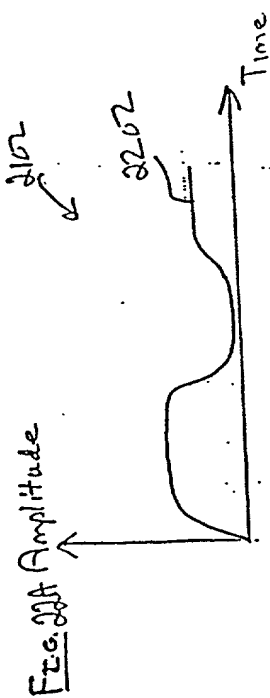


FIG. 220C

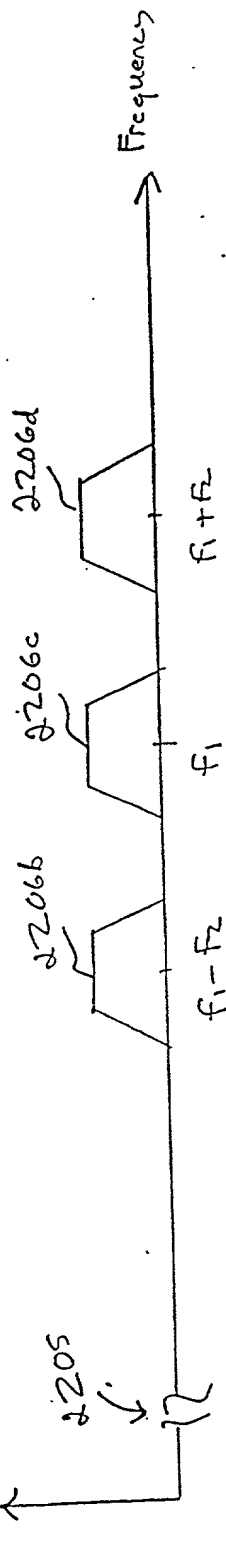
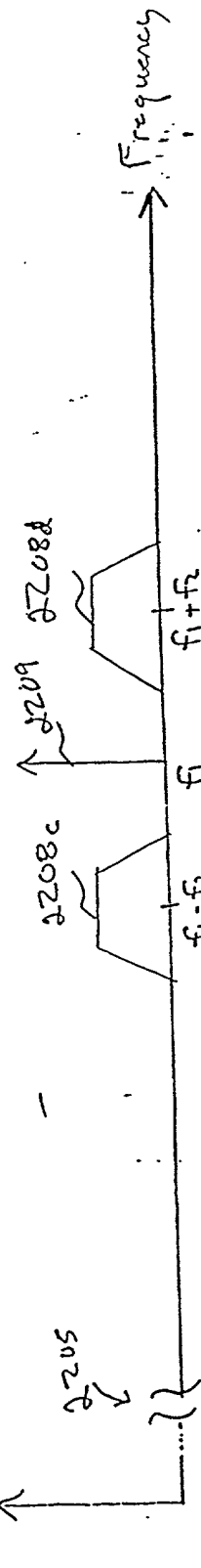


FIG. 220D



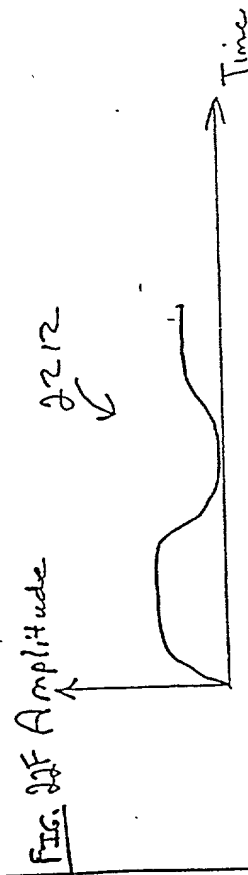
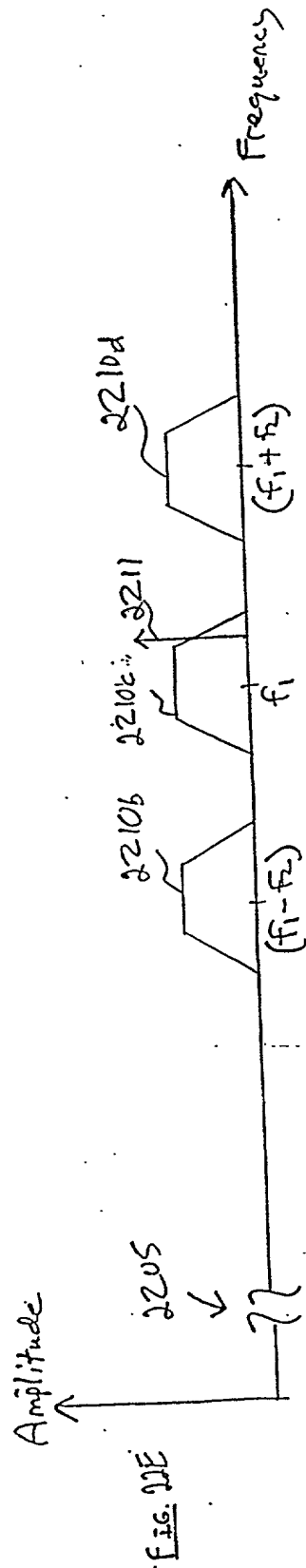


FIG. 23A

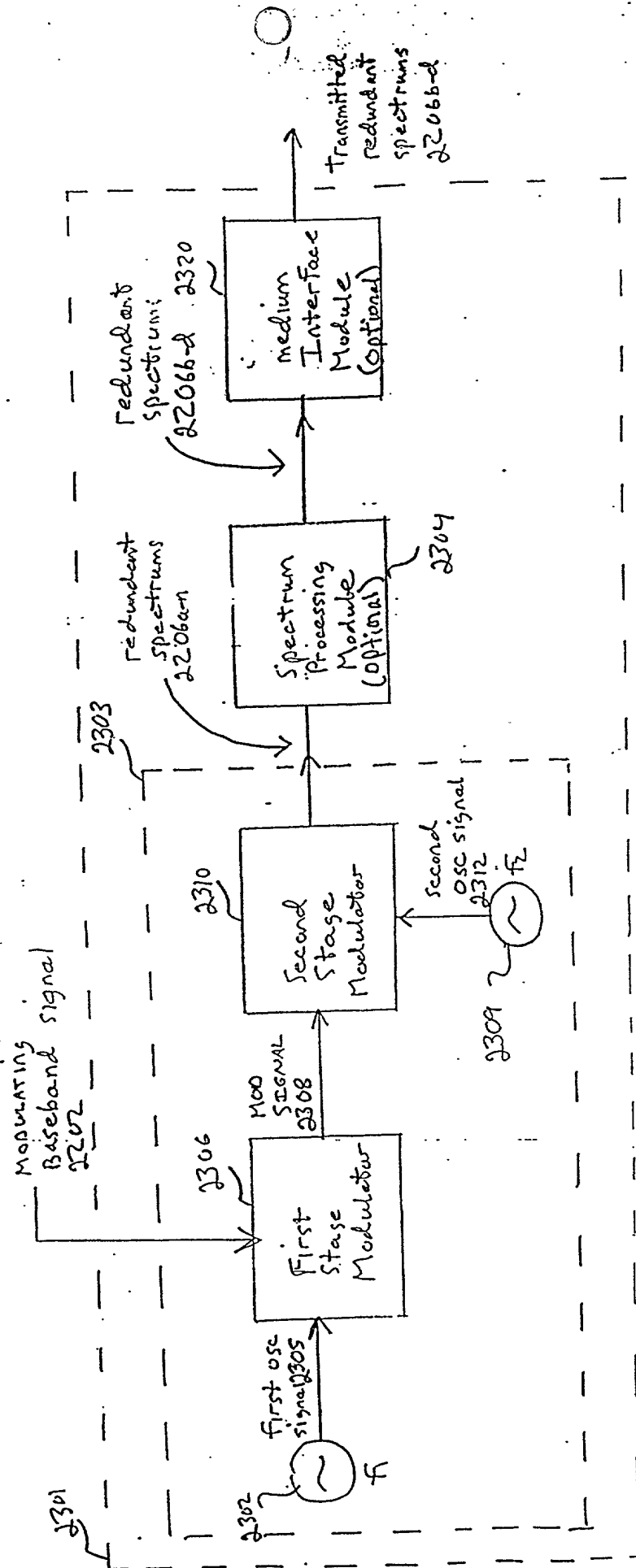


FIG. 23A

TRAP FILTER

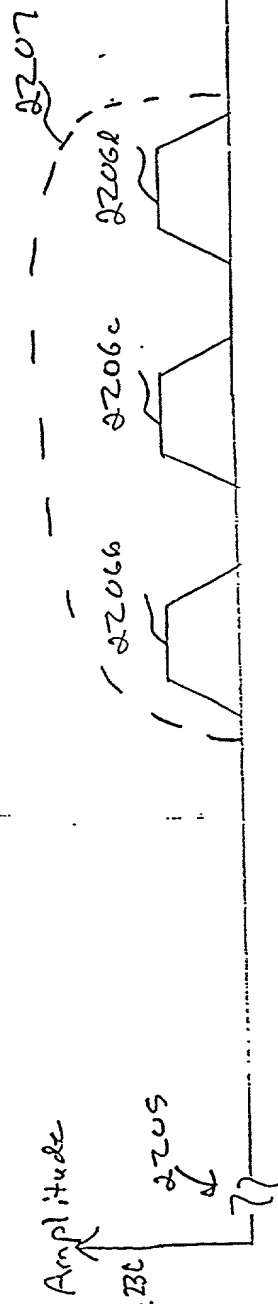
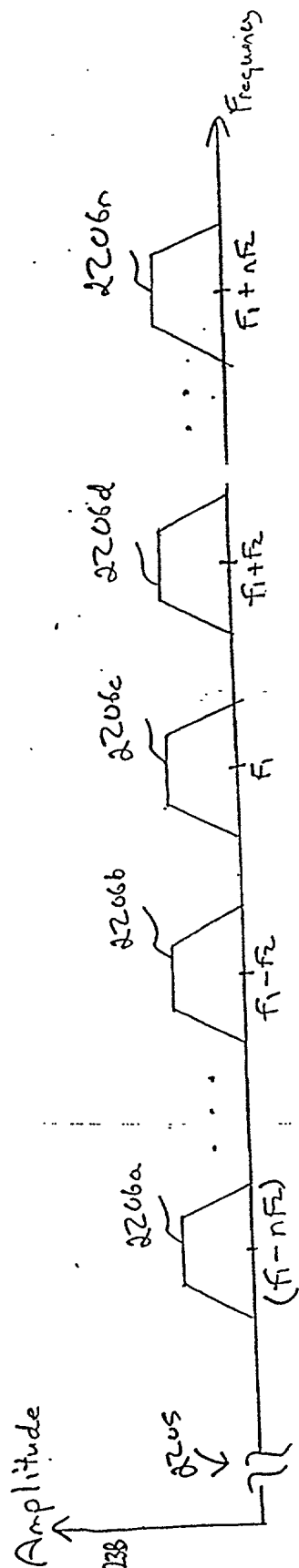


FIG. 230

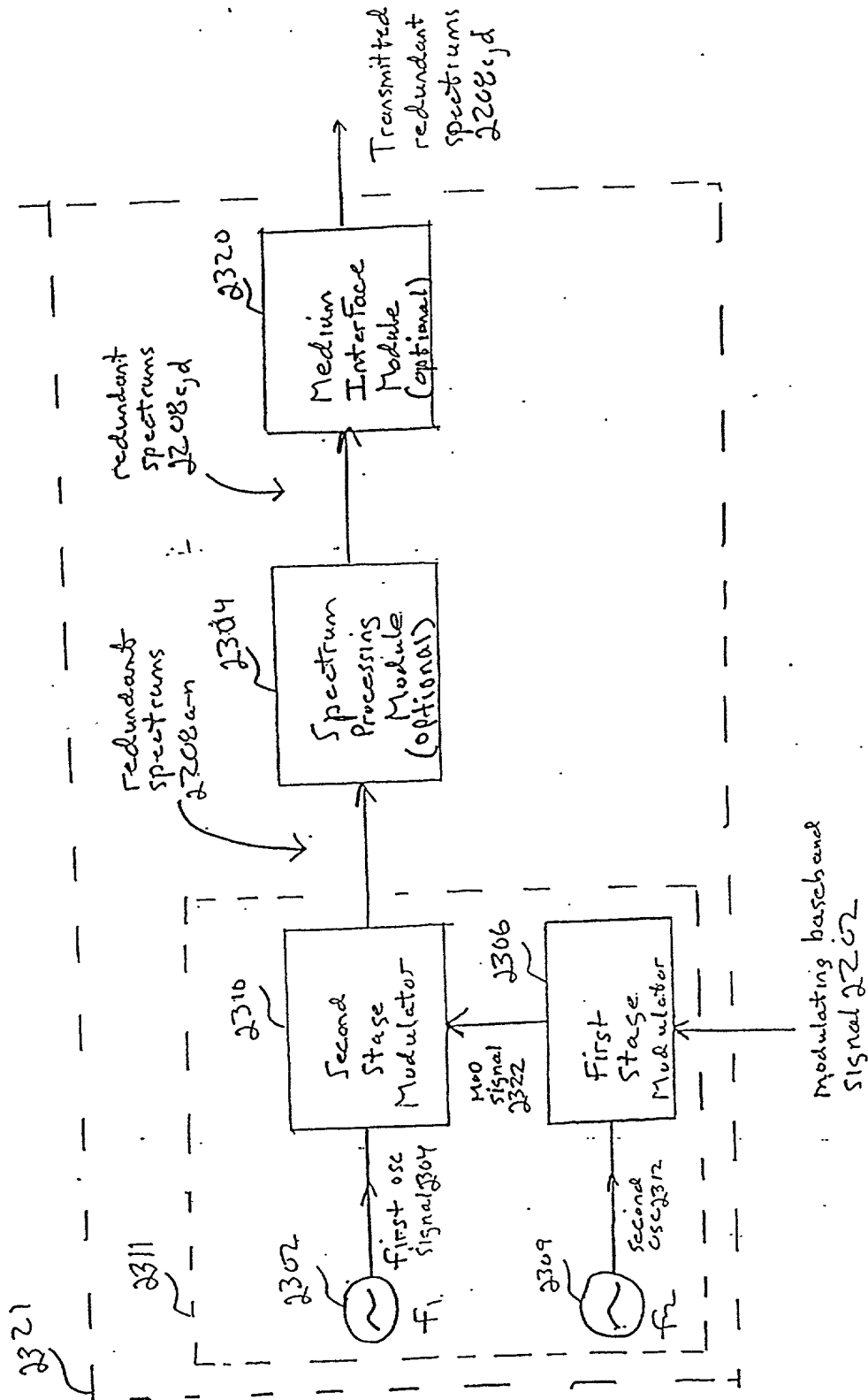


FIG. 230

FIG. 23E

FIG. 23E

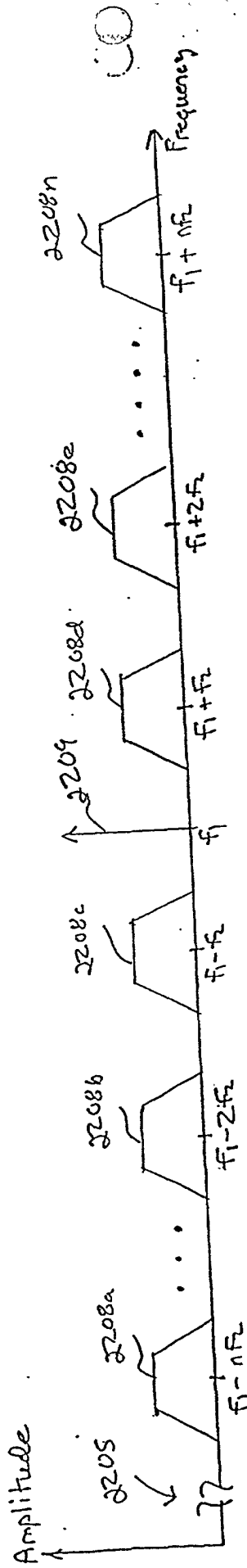


FIG. 23F

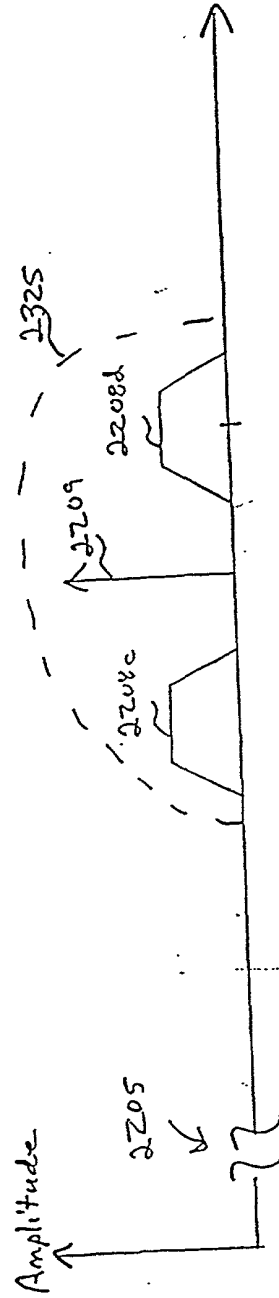
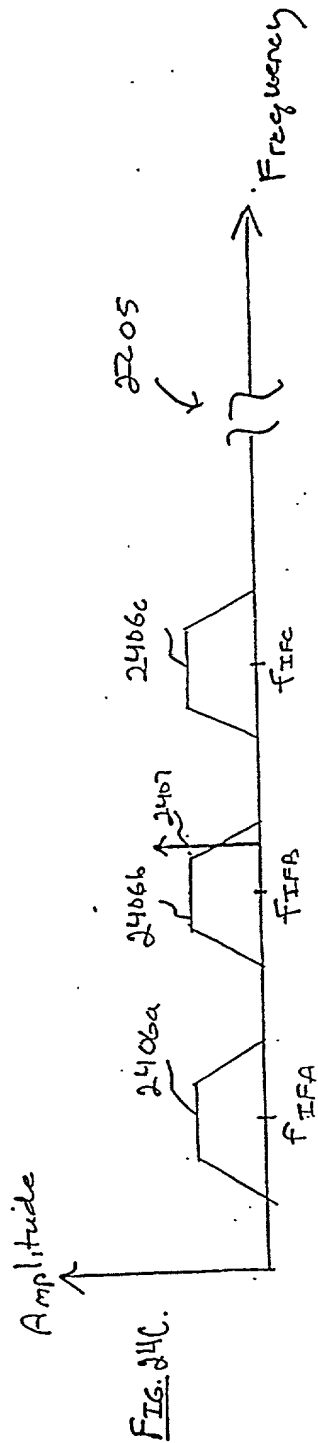
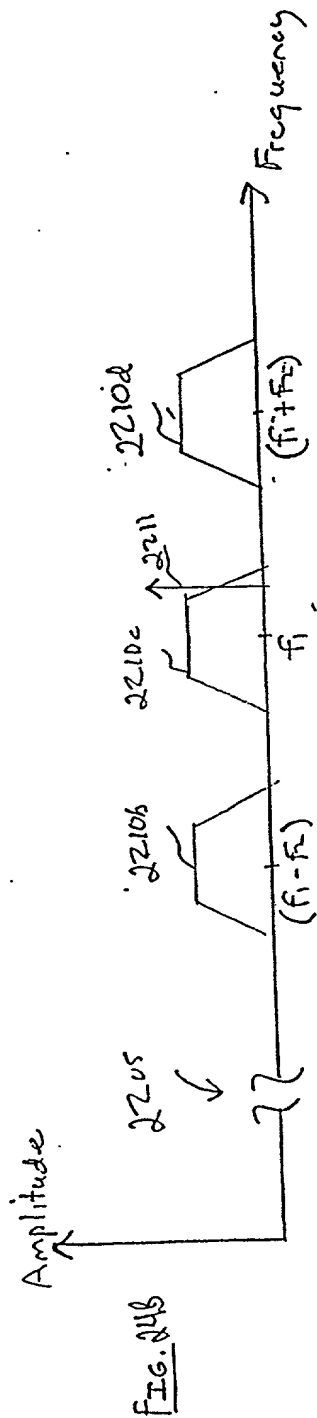
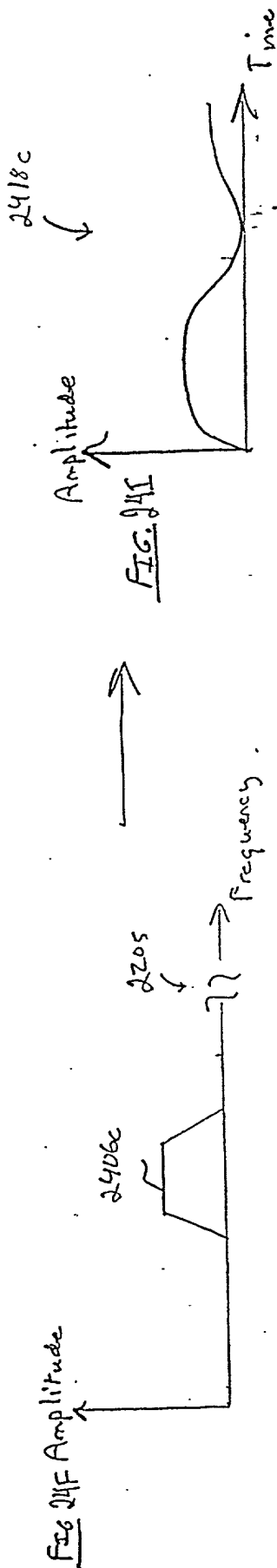
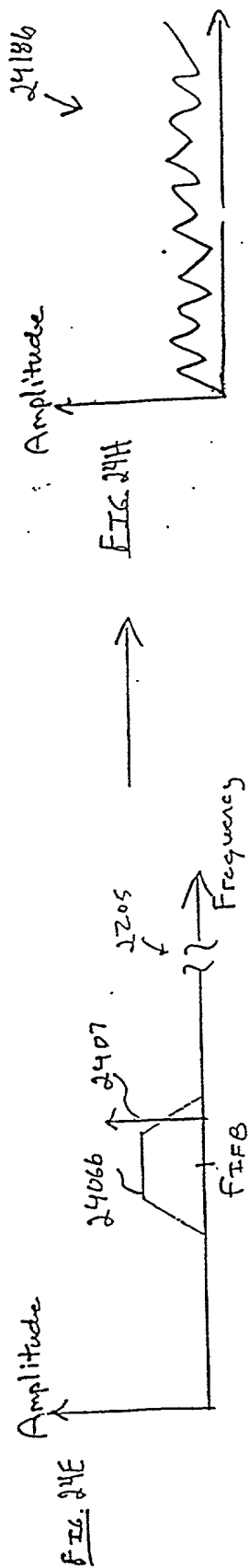
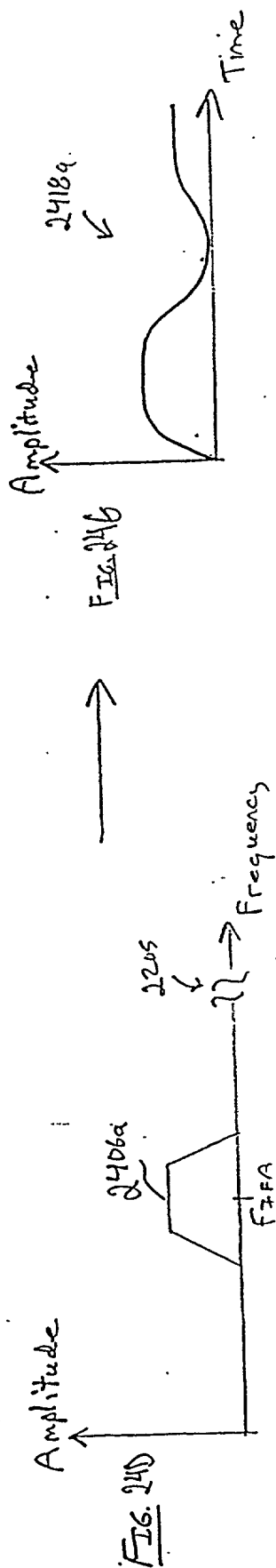




FIG. 24B





National Brand

National Brand

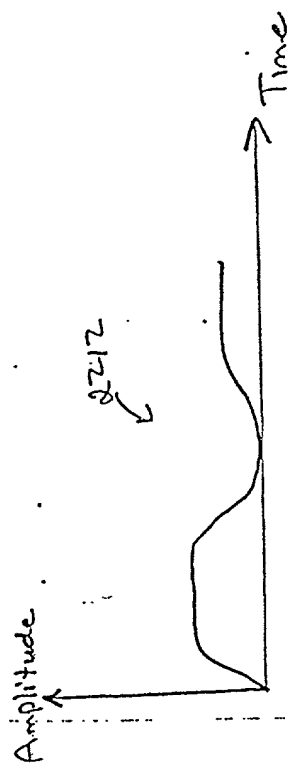


FIG. 245

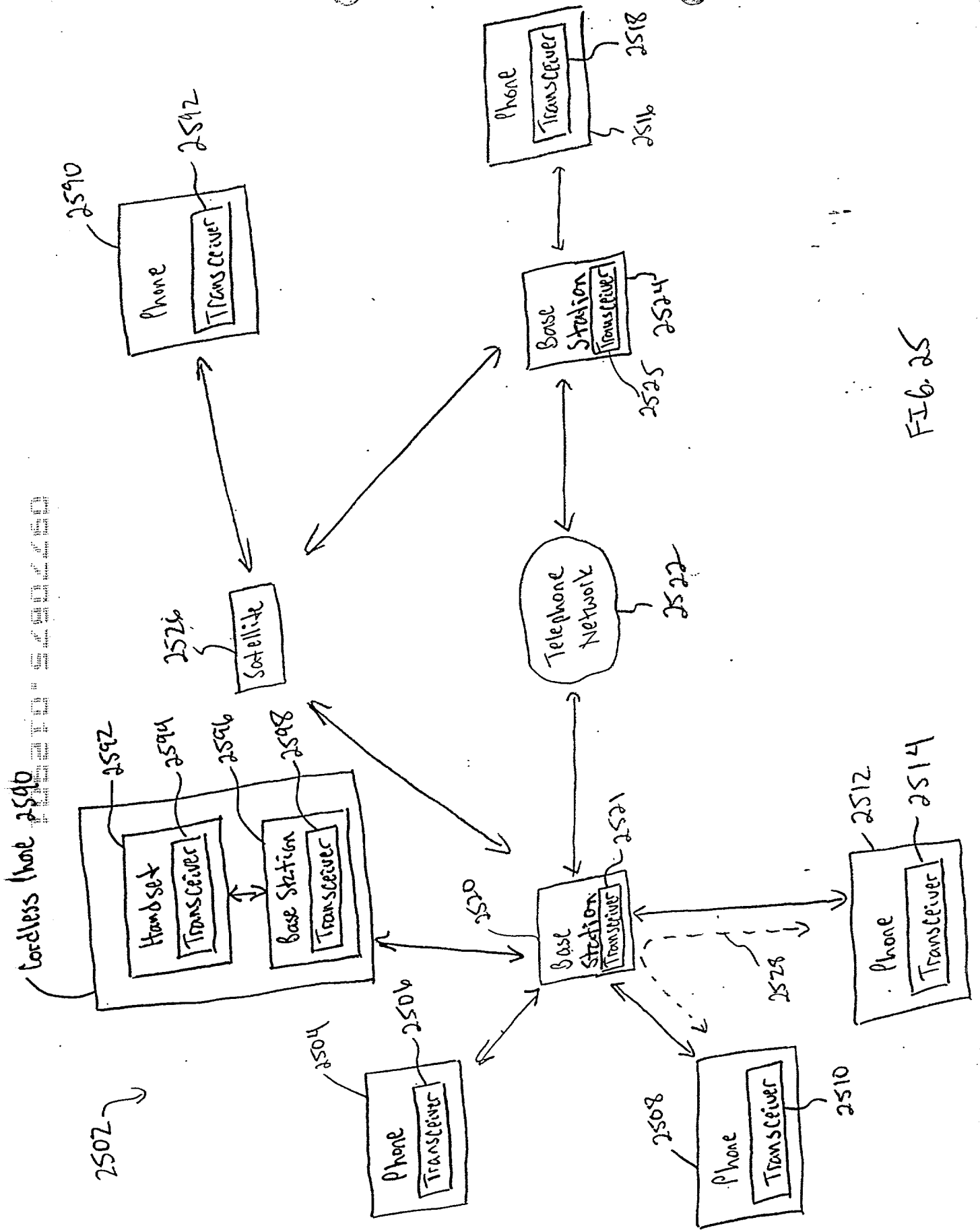
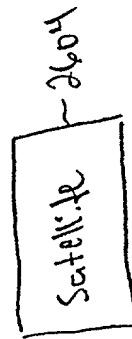


FIG. 25

FIG. 26

2602



2605

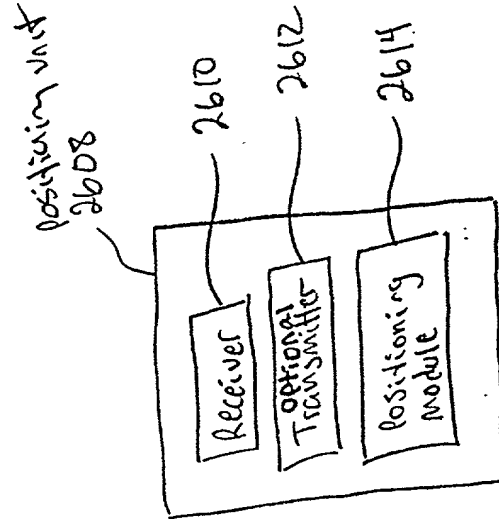
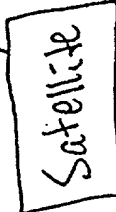


FIG. 26

FIG. 27

2702

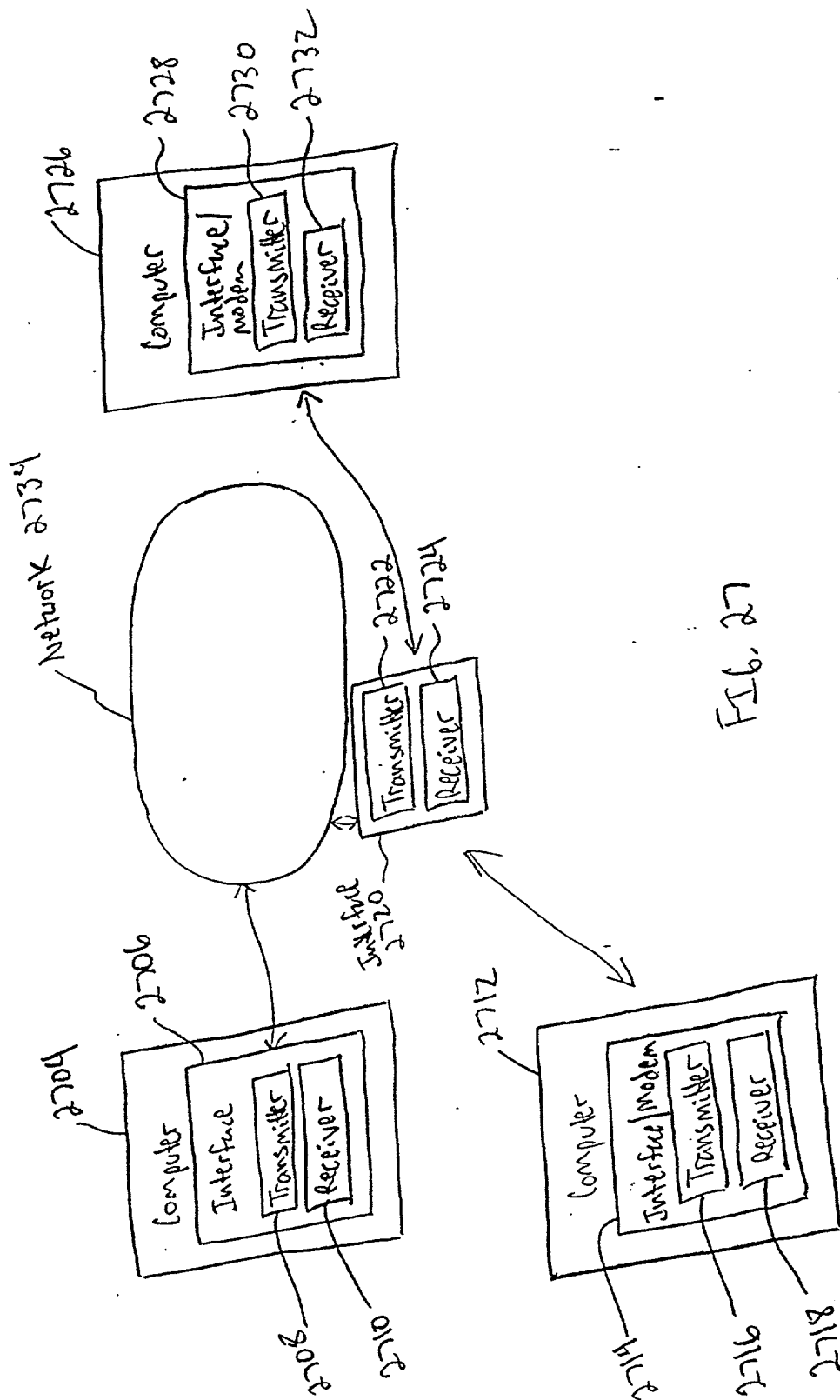


FIG. 27

FIG. 28

FIG. 28

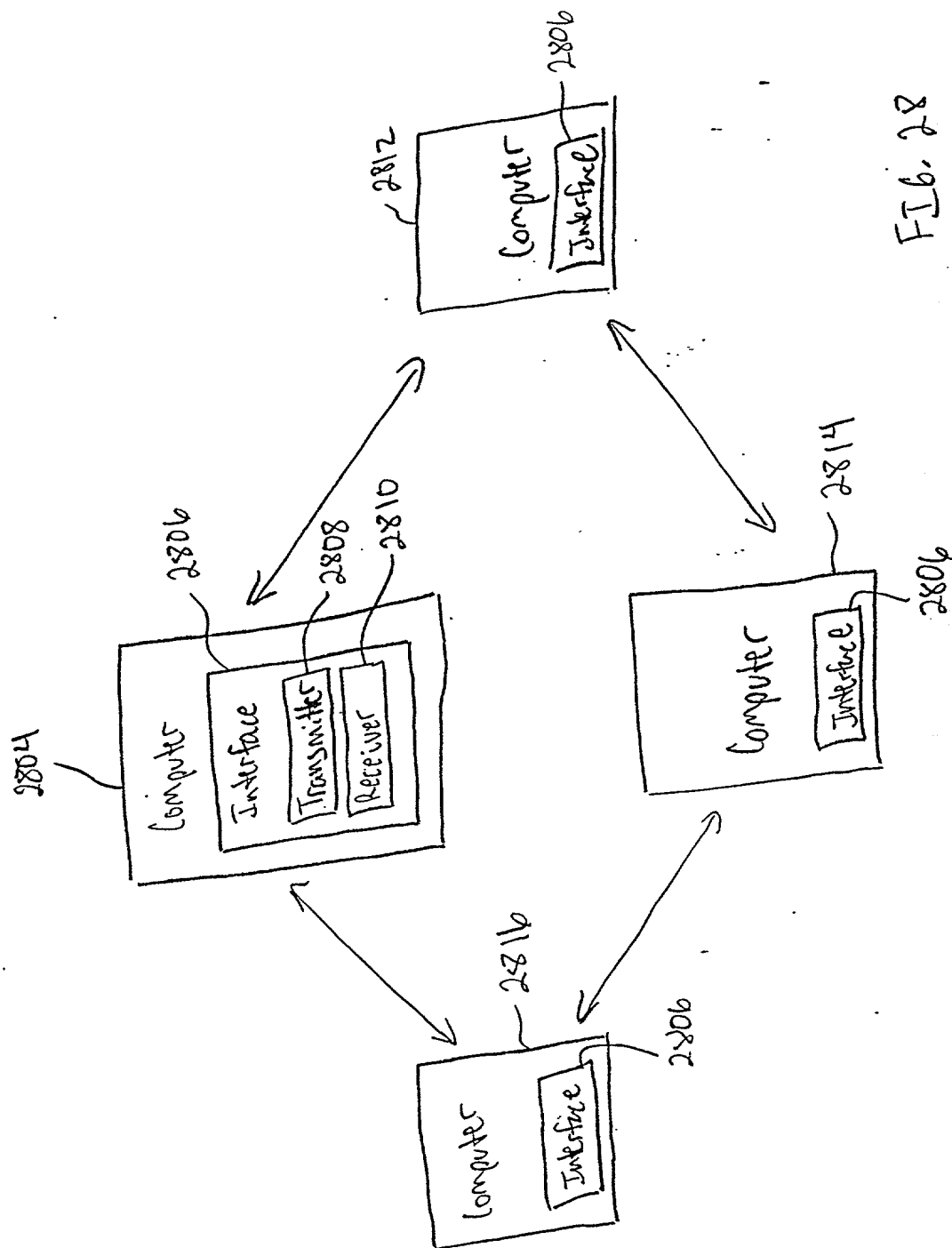


FIG. 28

FIG. 29

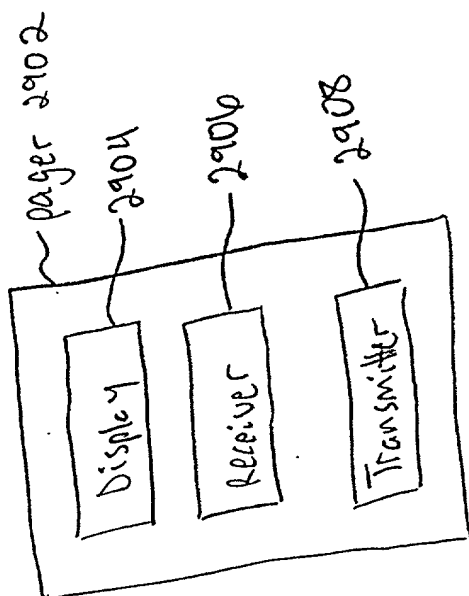


FIG. 29

FIG. 30

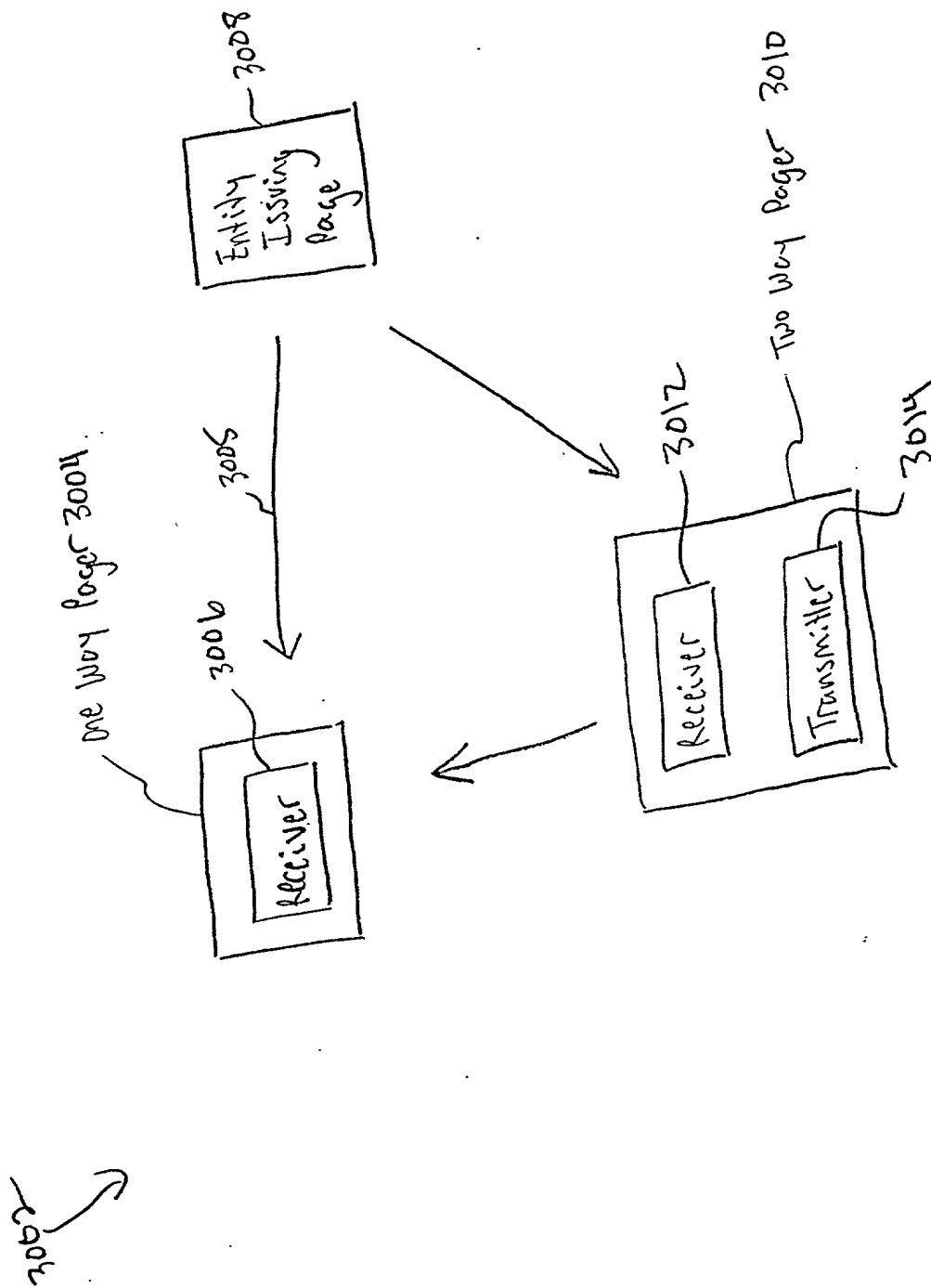
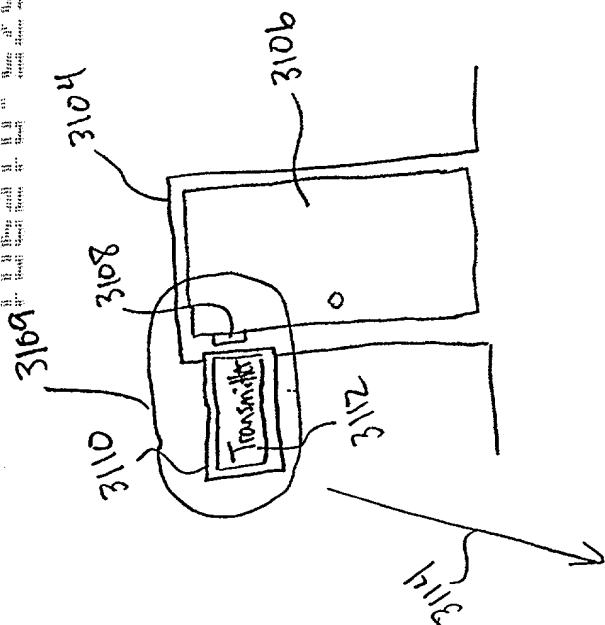


FIG. 30

FIG. 30

3102



3132
Appropriate
Authorities

3130
Monitoring
Center

3134

3118
Transceiver
Monitor and
Alarm Module
3120
Monitor
Panel
3116

3136

3124

3122

3138

FIG. 31

3128
Transceiver

3126

3125

3191

3127

3129

3131

3133

3135

3137

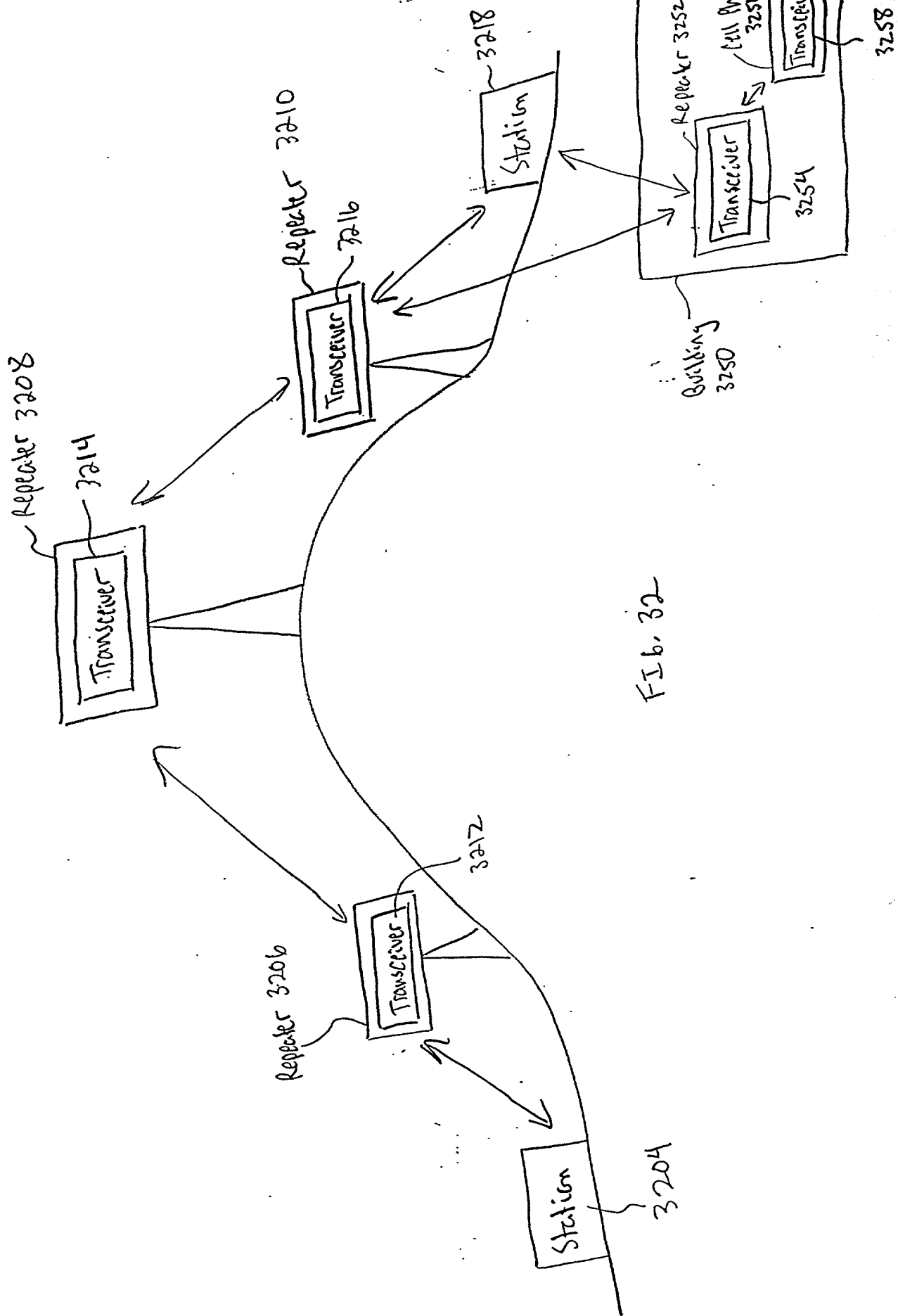
3139

3141

3143

FIG. 32

3202



3302

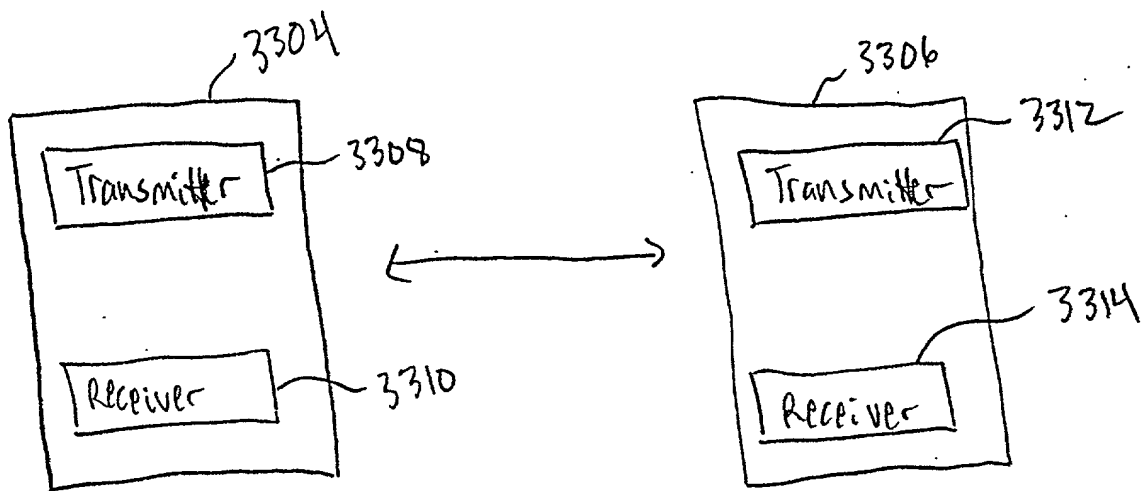


FIG. 33

FIG. 34

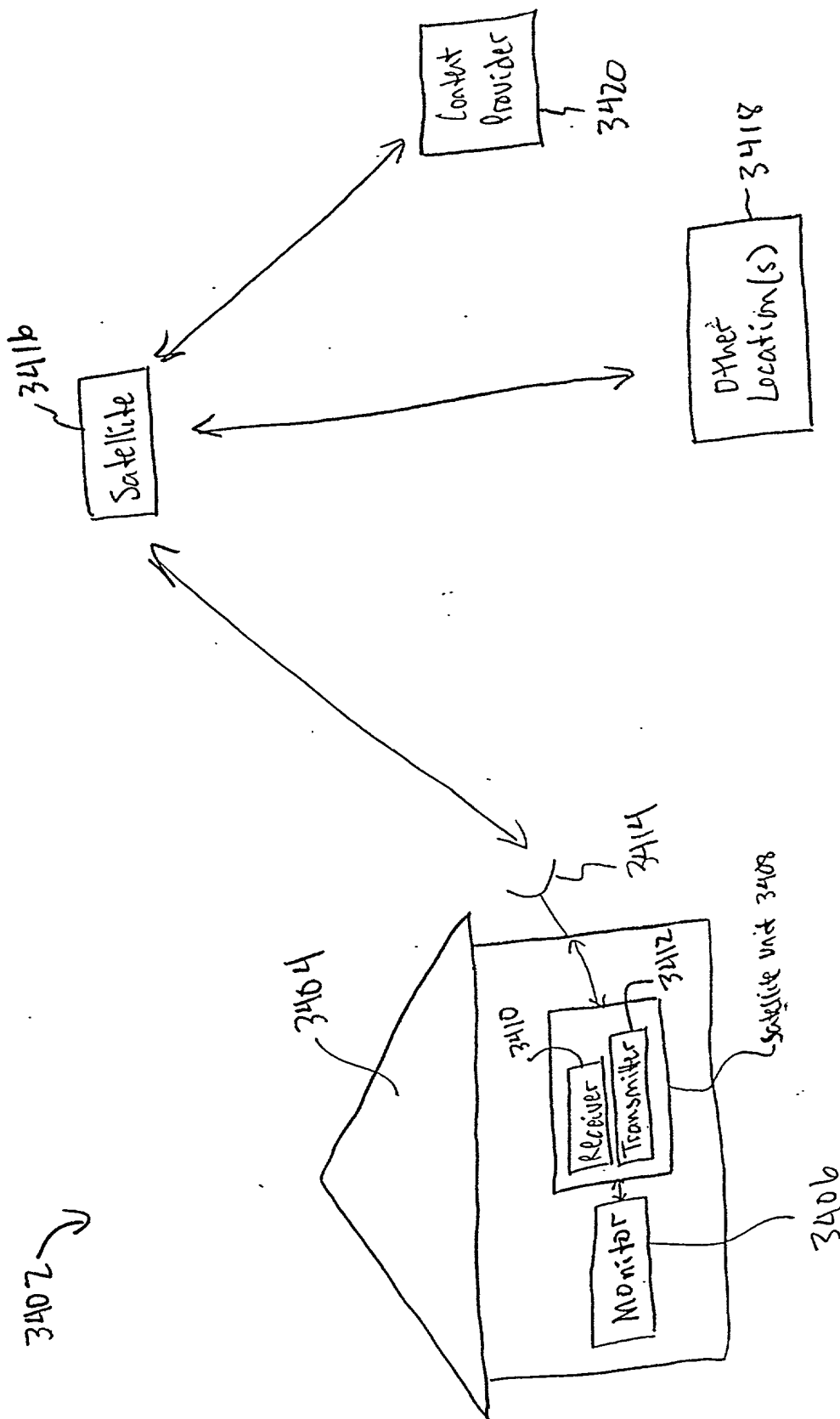


FIG. 34

FIG. 35

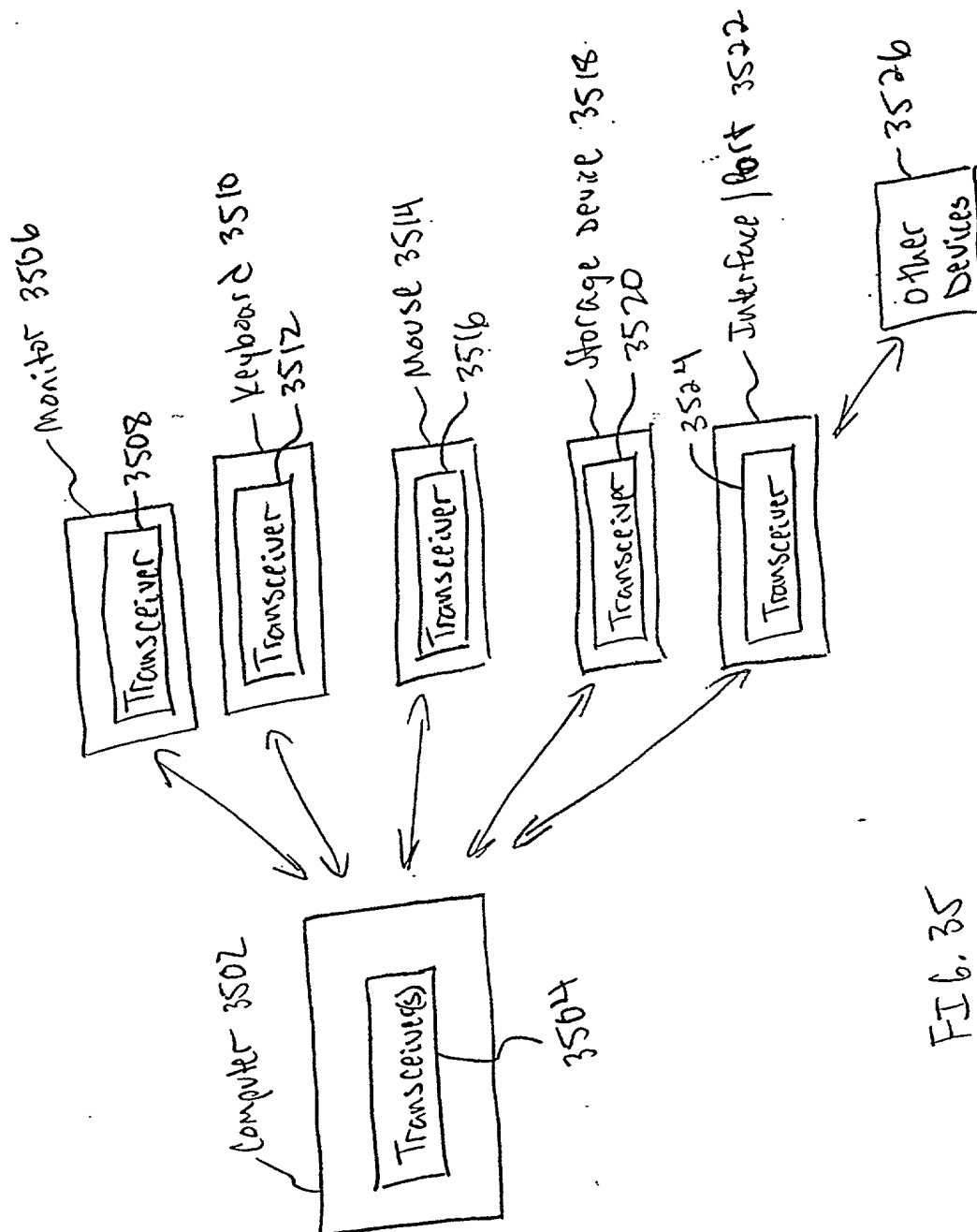


FIG. 35

FIG. 36

3607

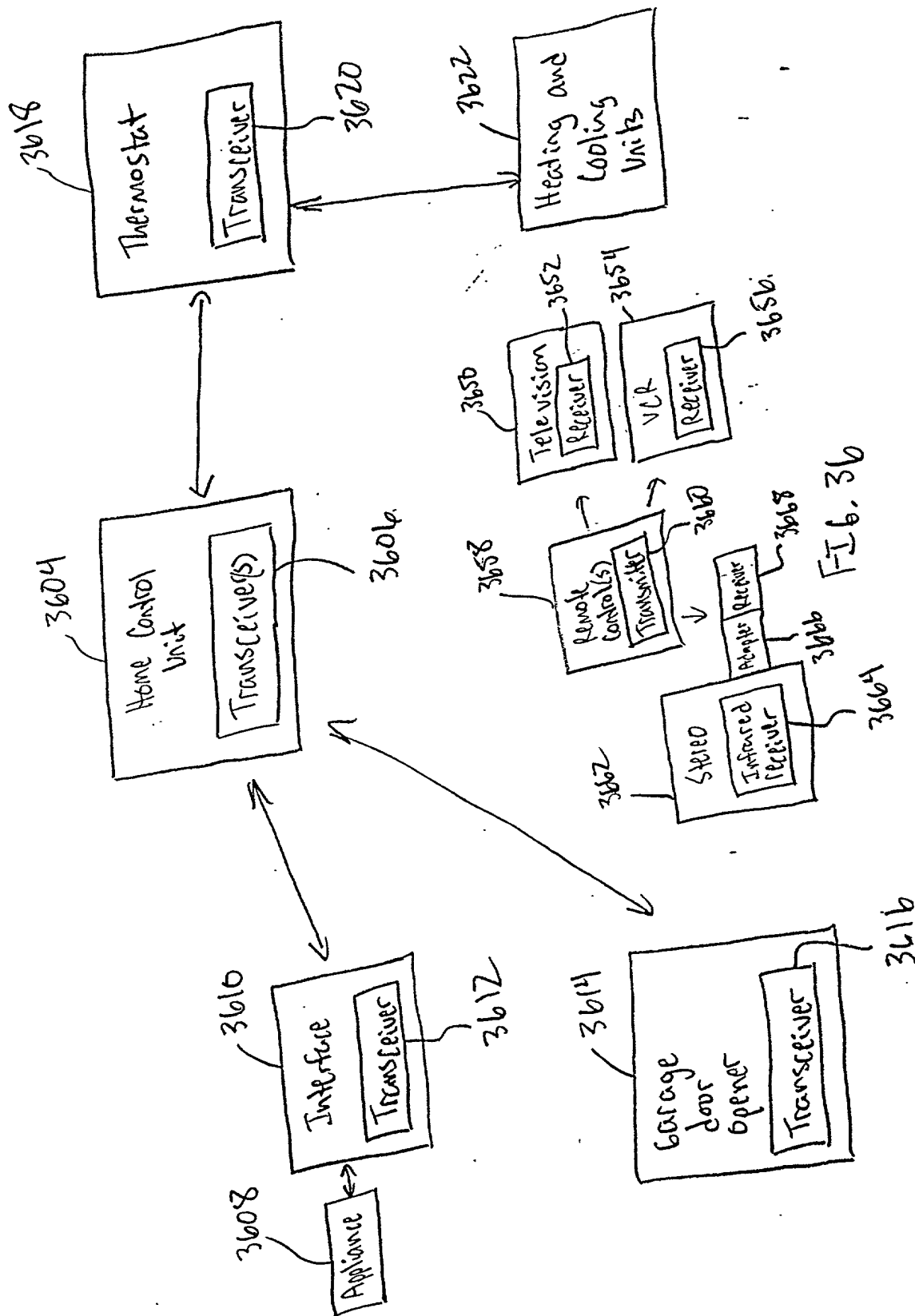


FIG. 37

3702

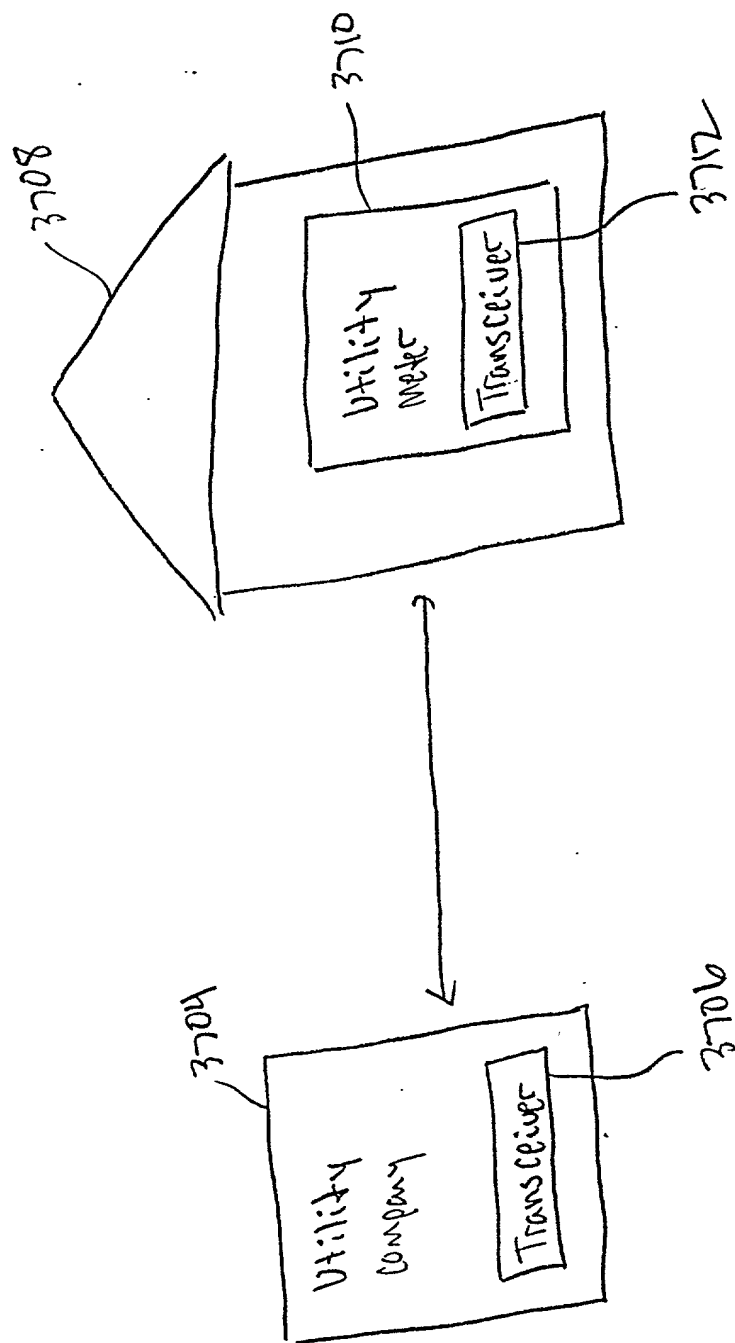


FIG. 37

FIG. 38

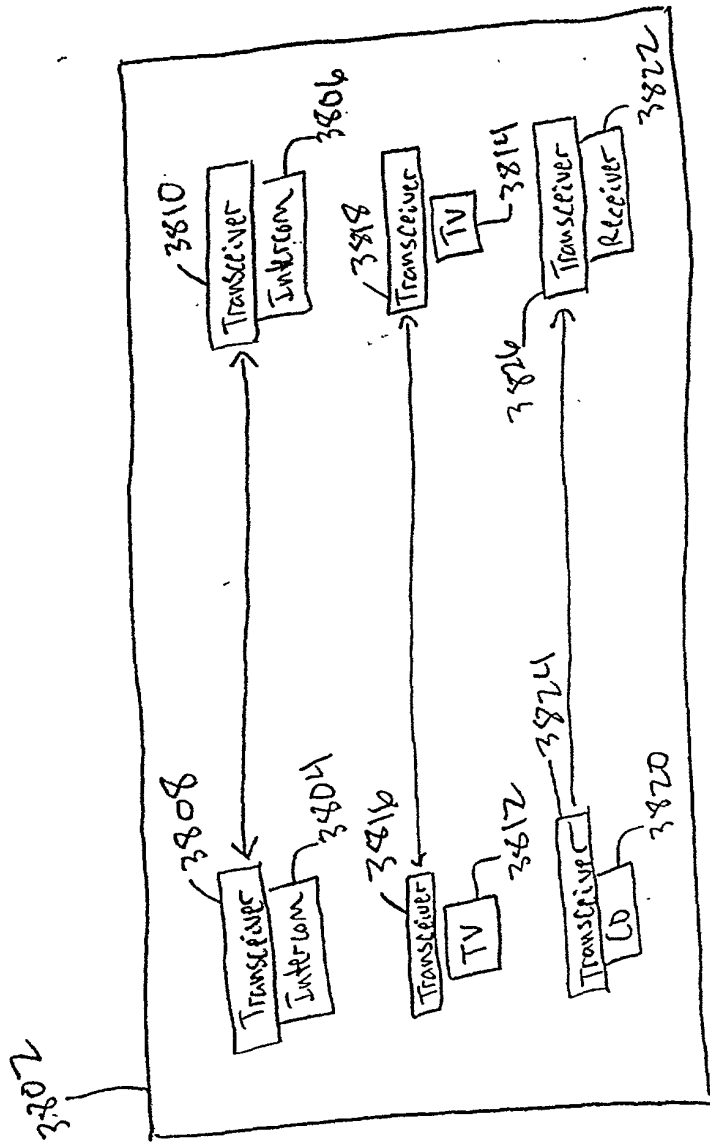


FIG. 38

FIG. 39

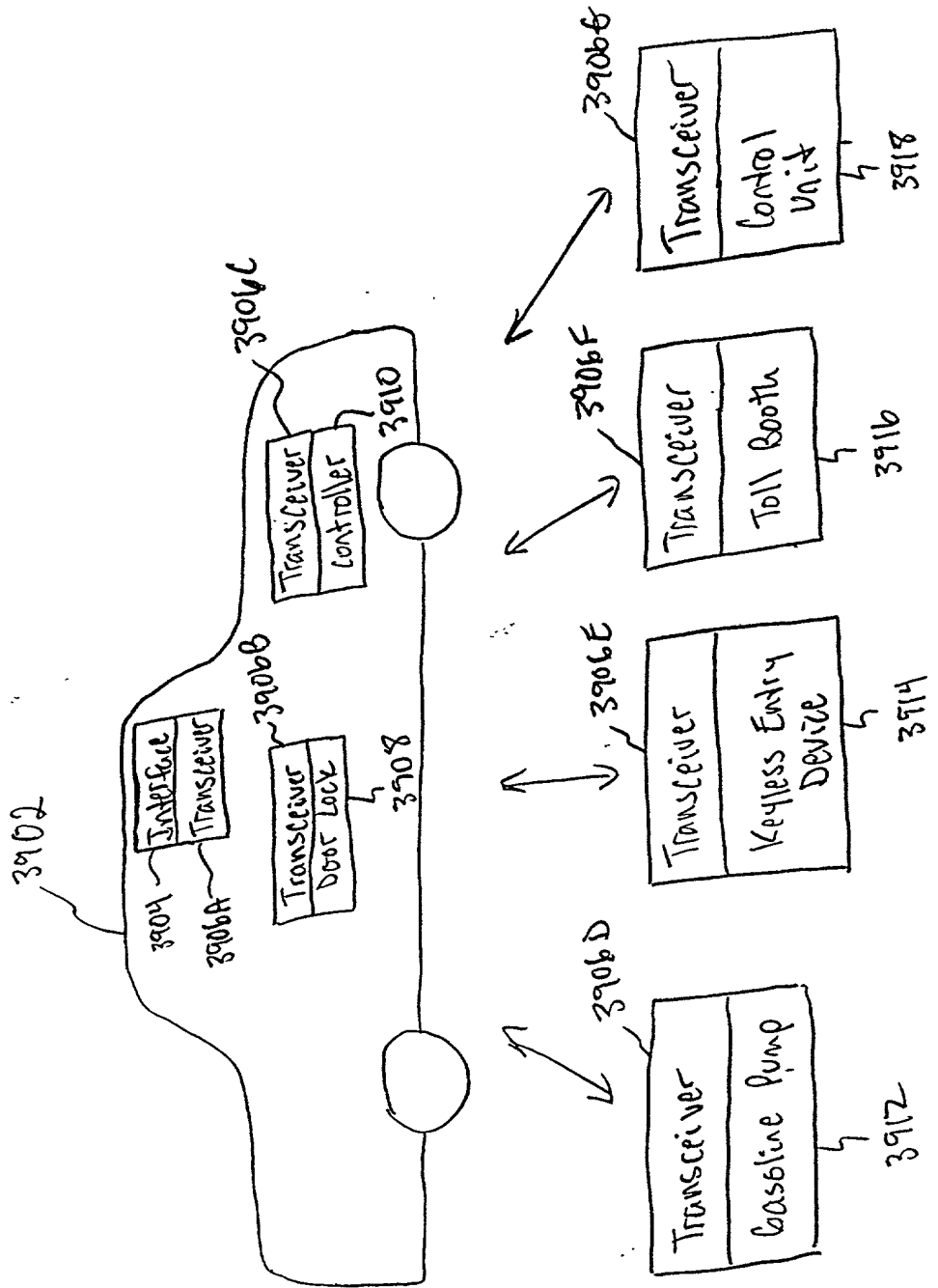


FIG. 39

FIG. 40A

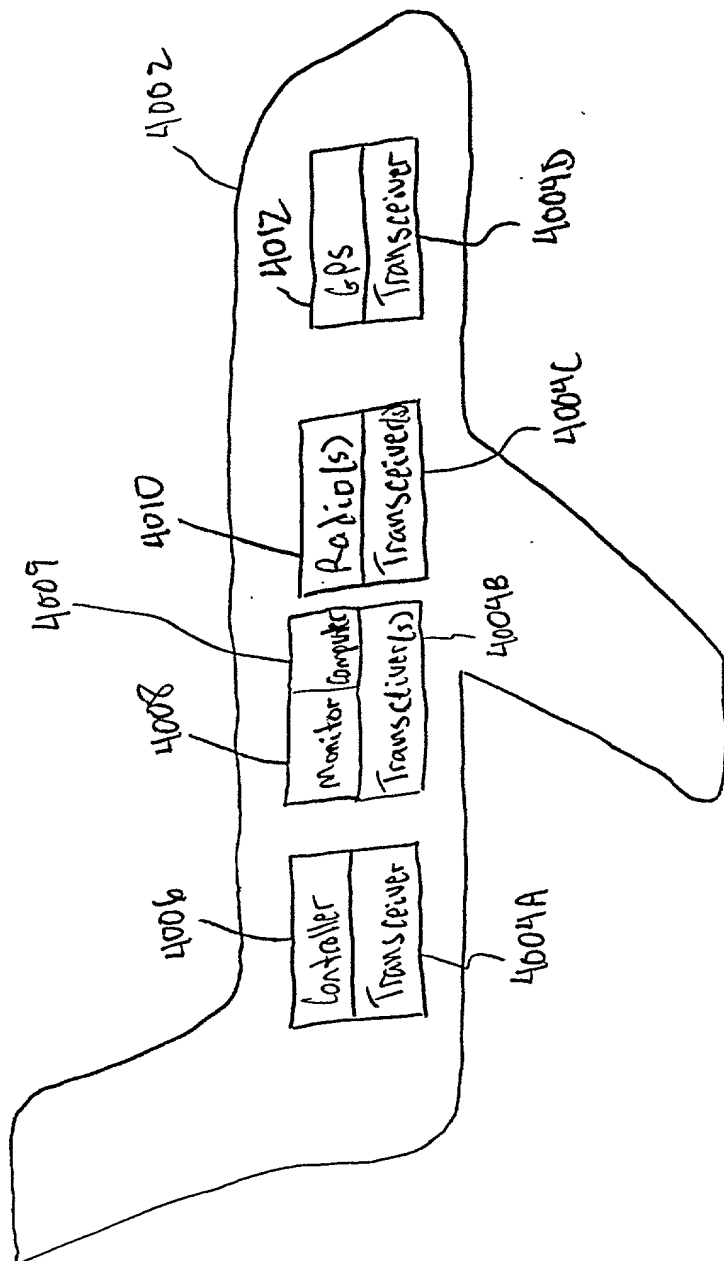


FIG. 40A

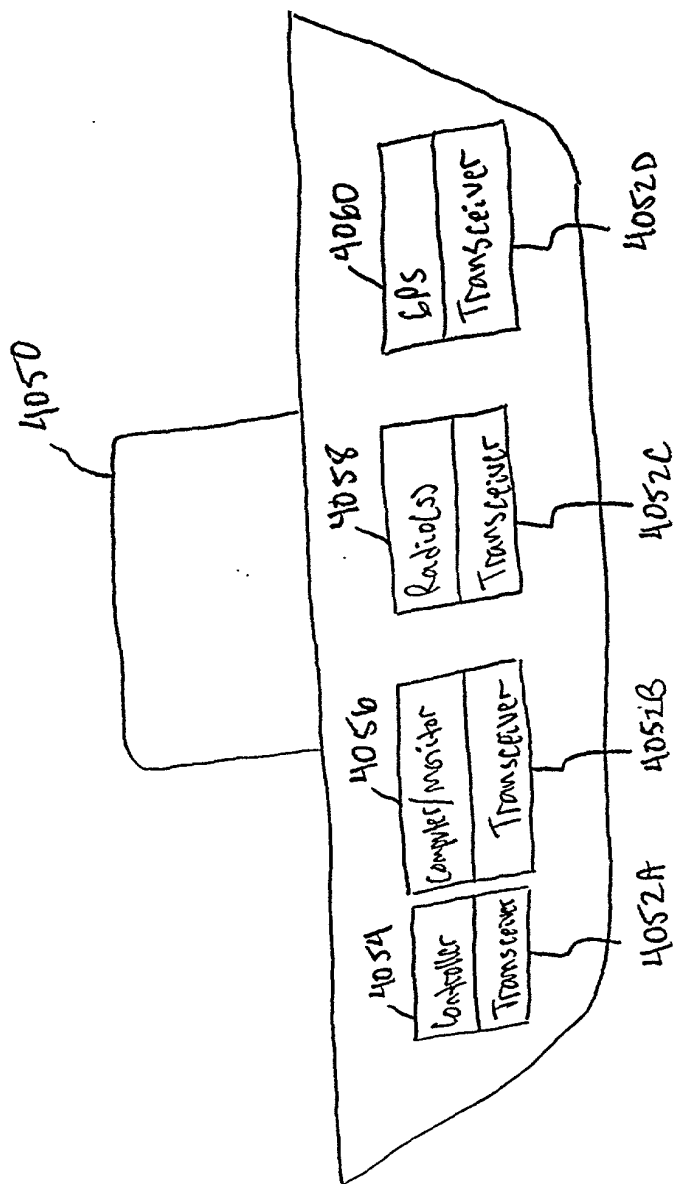


FIG. 40B

FIG. 4

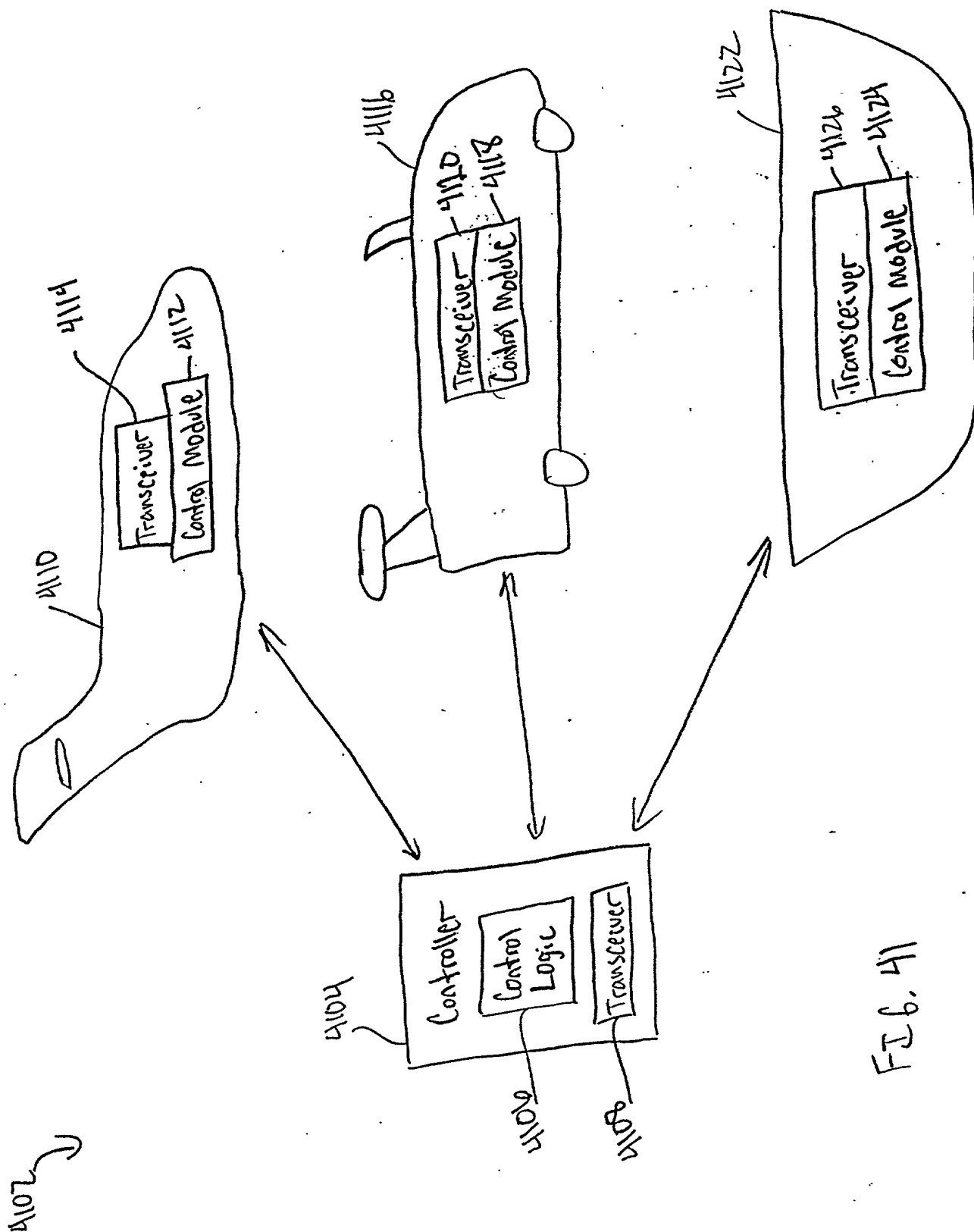
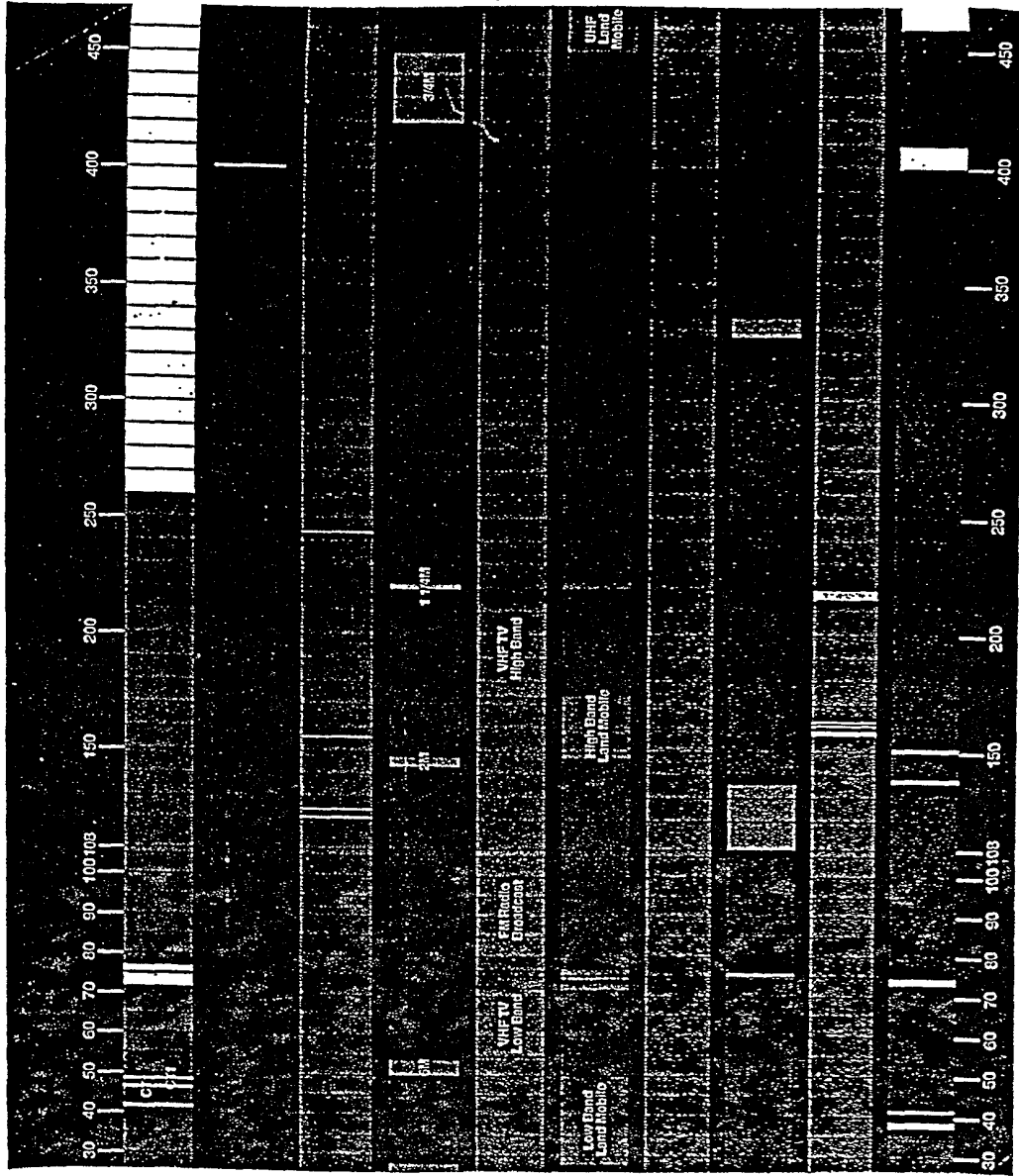


FIG. 4

1. The following information is being furnished to you for your information only. It is not to be used for any other purpose.



FIB, 428

400 450 500 1000 1500 2000 2500 3000 3500 4000MHz

part 15

Standard Frequencies

Distress, Calling, Search & Rescue

Amateur Radio

Broadcasting

Fixed And Mobile Services

Military

Aeronautical Communication & Navigation

Scientific & Space

400 450 500 1000 1500 2000 2500 3000 3500 4000MHz

FIG. 42C

FIG. 42A

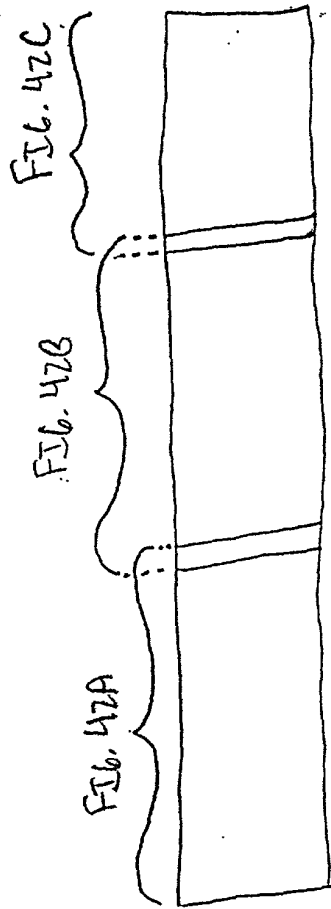


FIG. 42D

FIG. 43

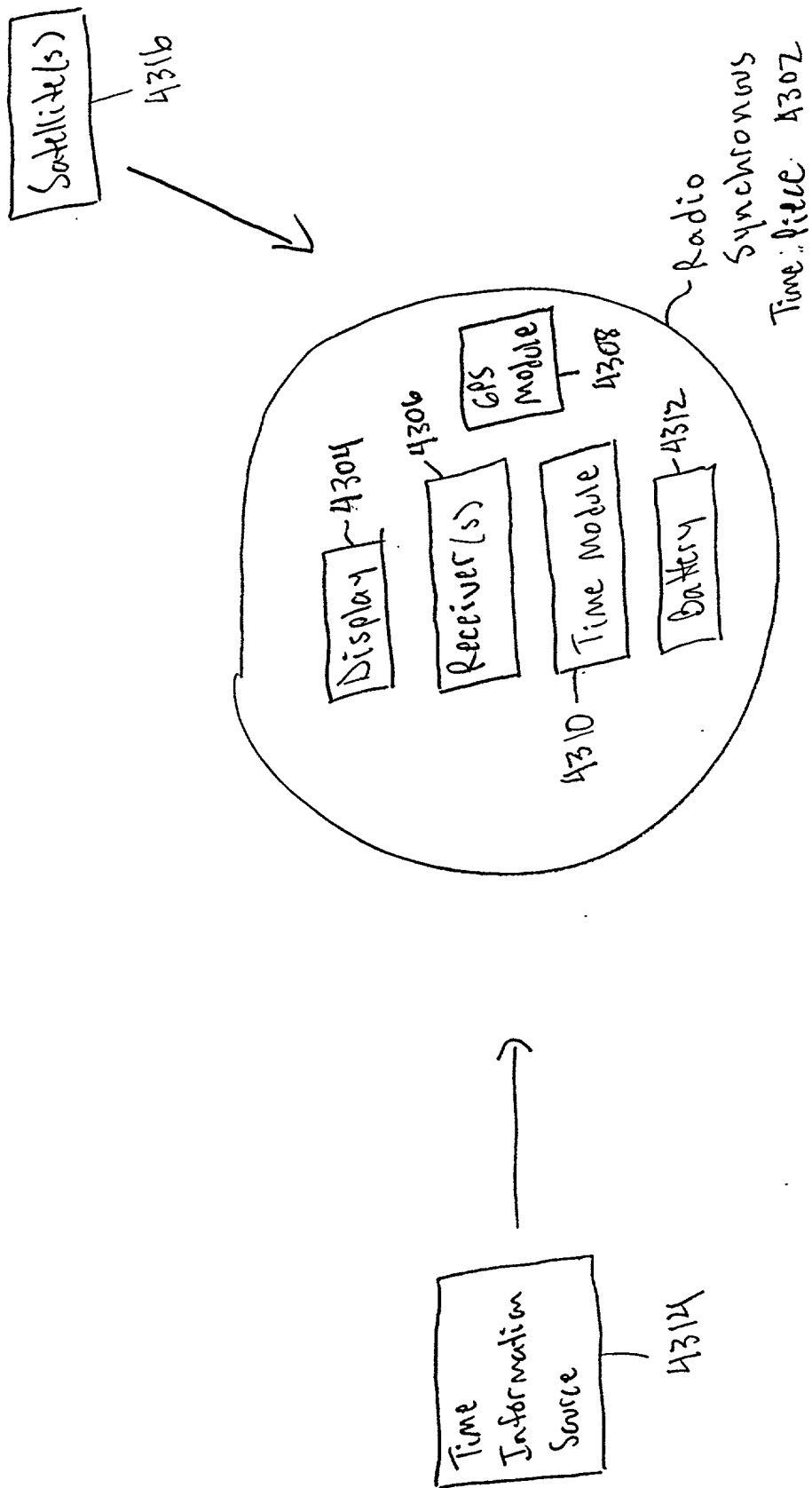


FIG. 43

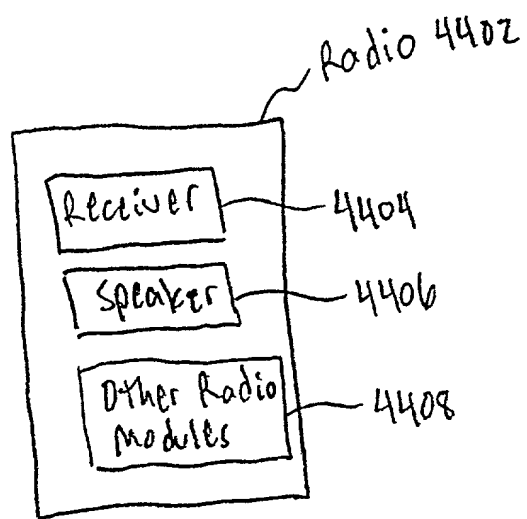


FIG. 44

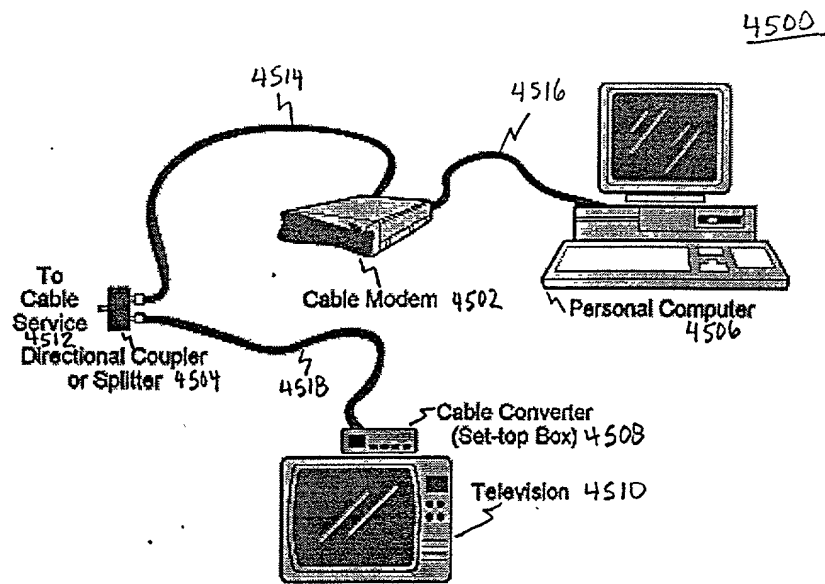


FIG. 45A

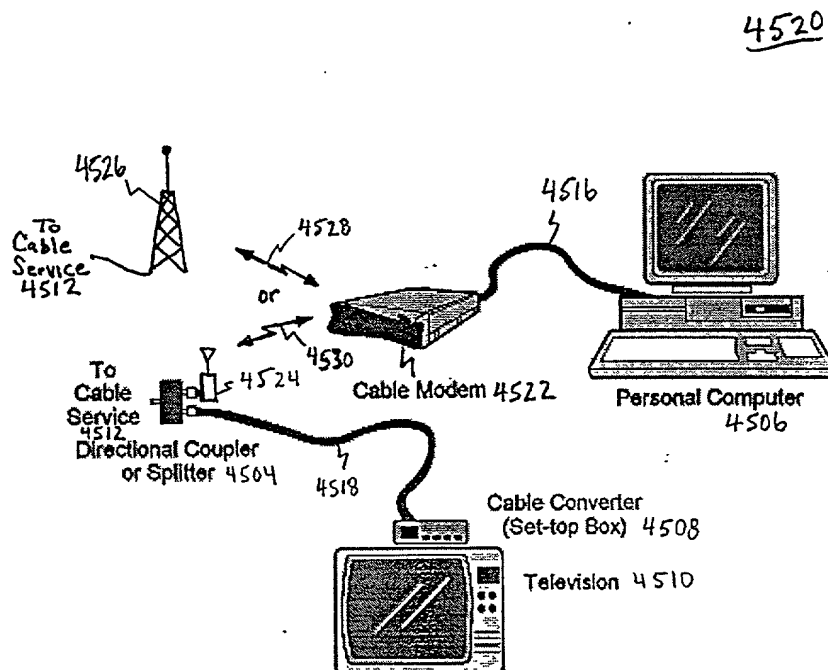


FIG. 45B

FIG. 45C

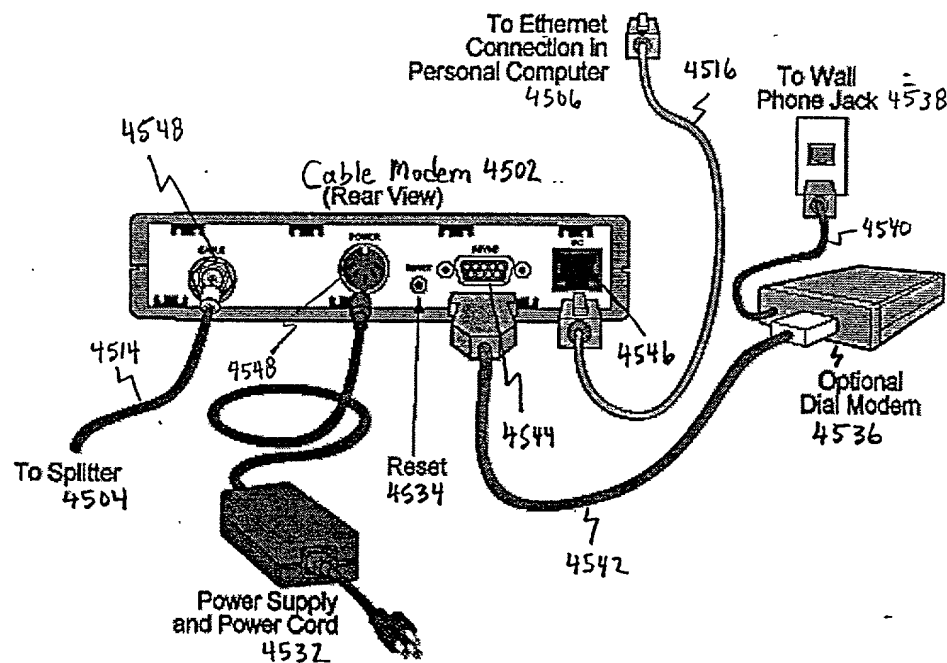


FIG. 45C

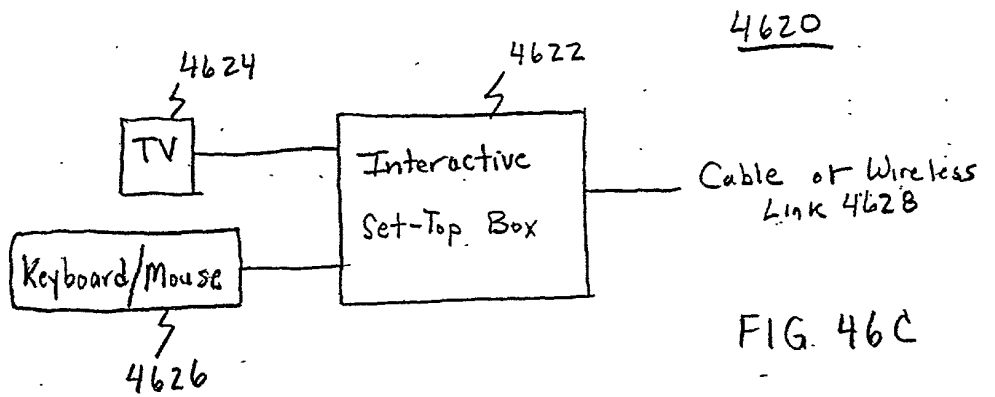
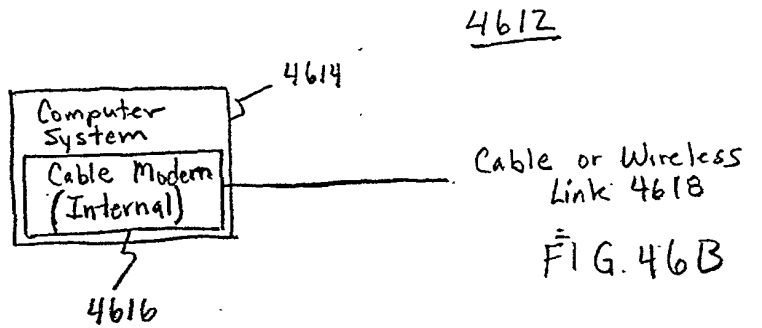
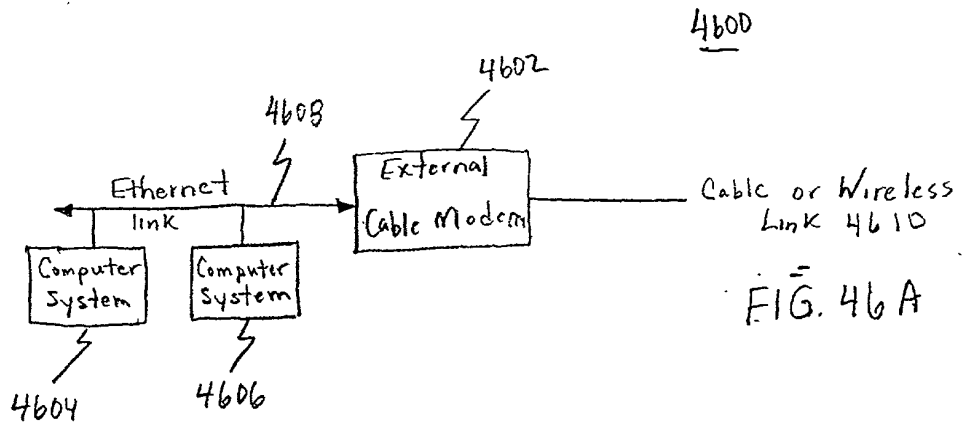


FIG. 47

4700

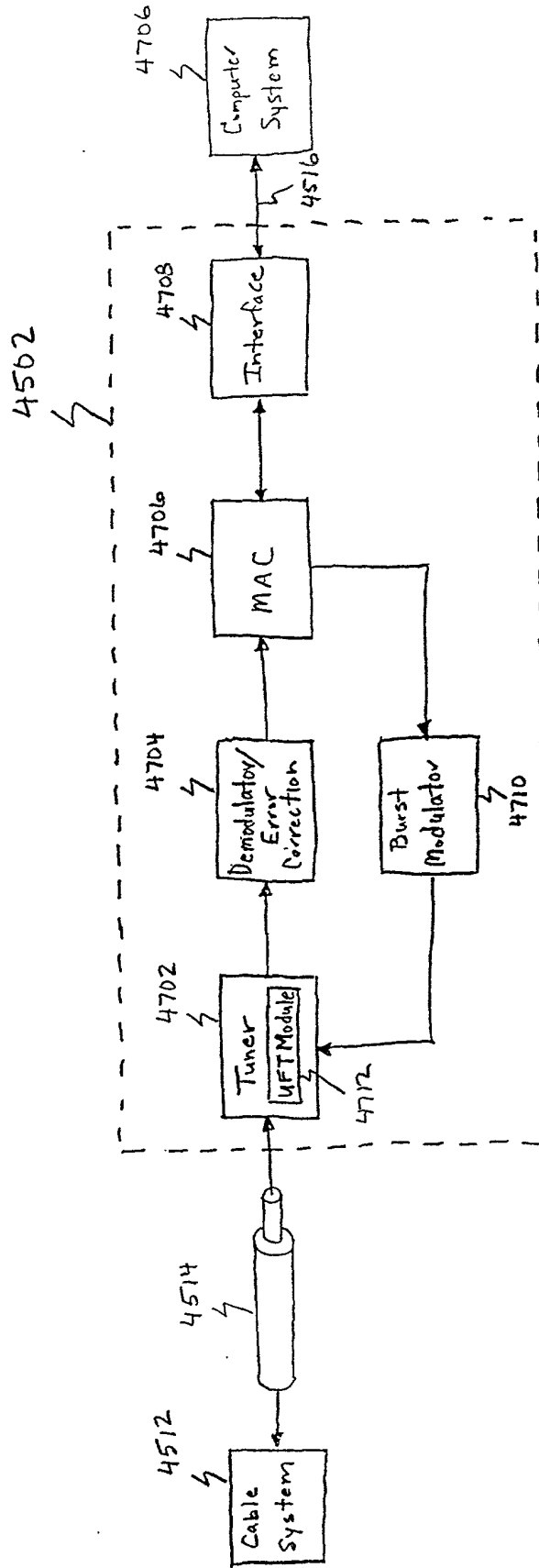


FIG. 47

105310 2/00/00

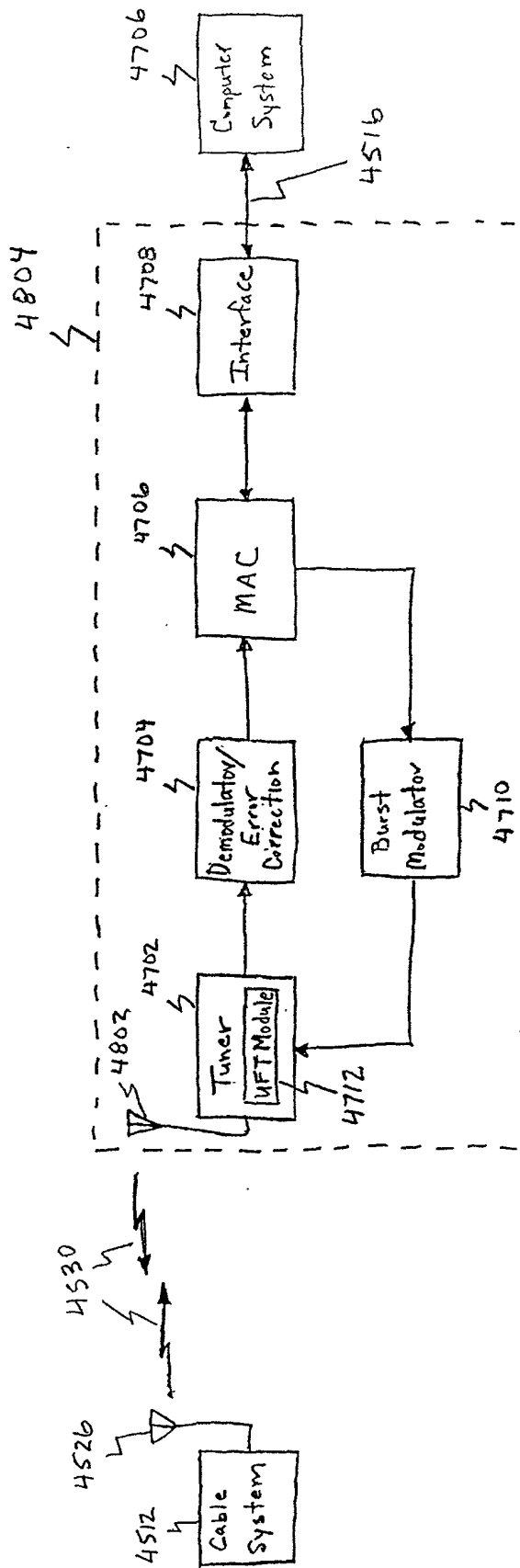


FIG. 48

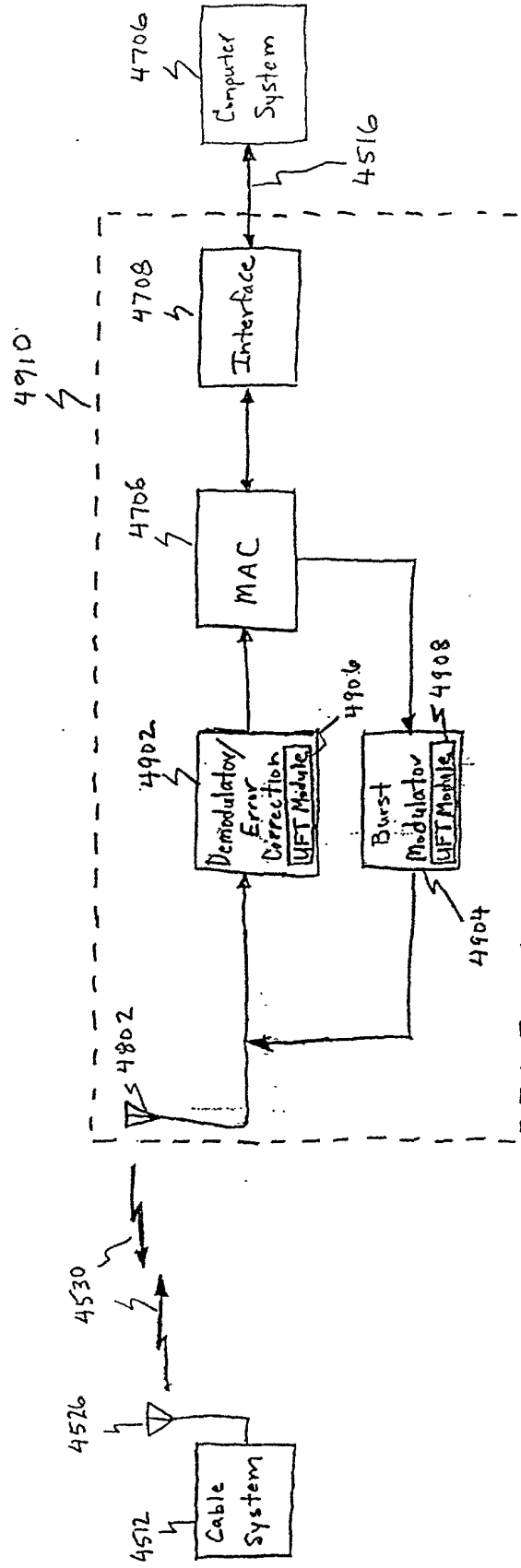


FIG. 49

FIG. 50

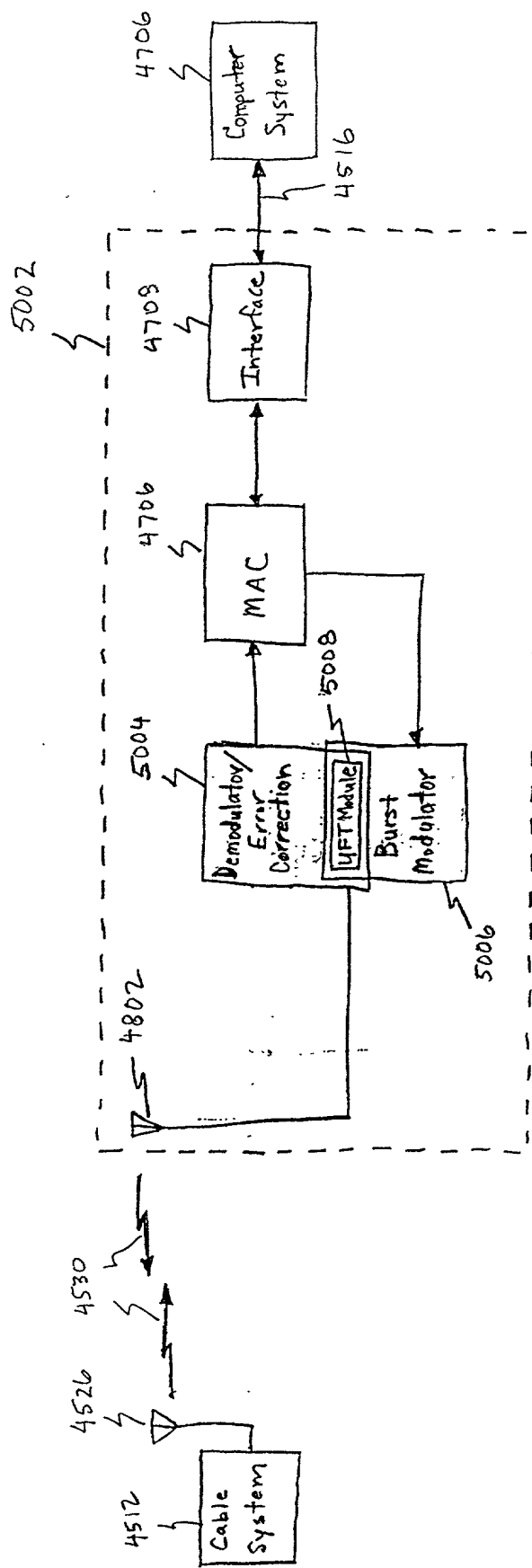


FIG. 50

FIG. 51

5100

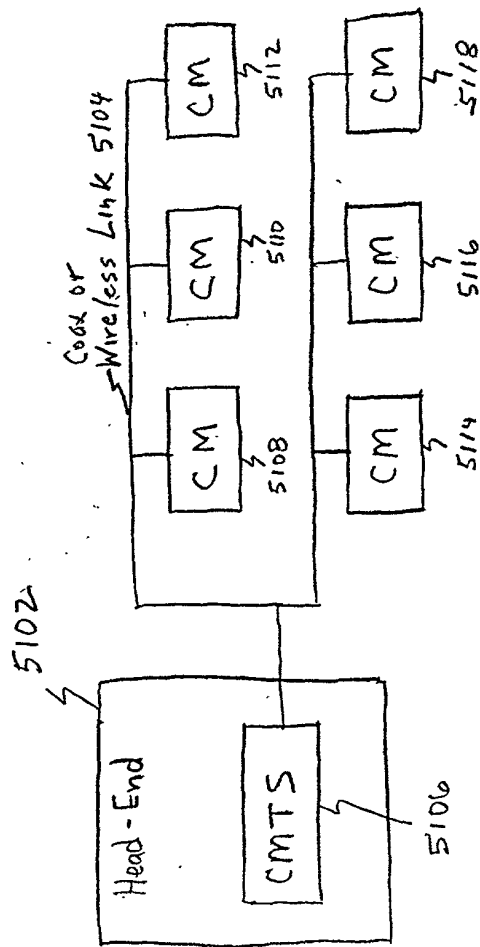


FIG. 51

FIGURE 52

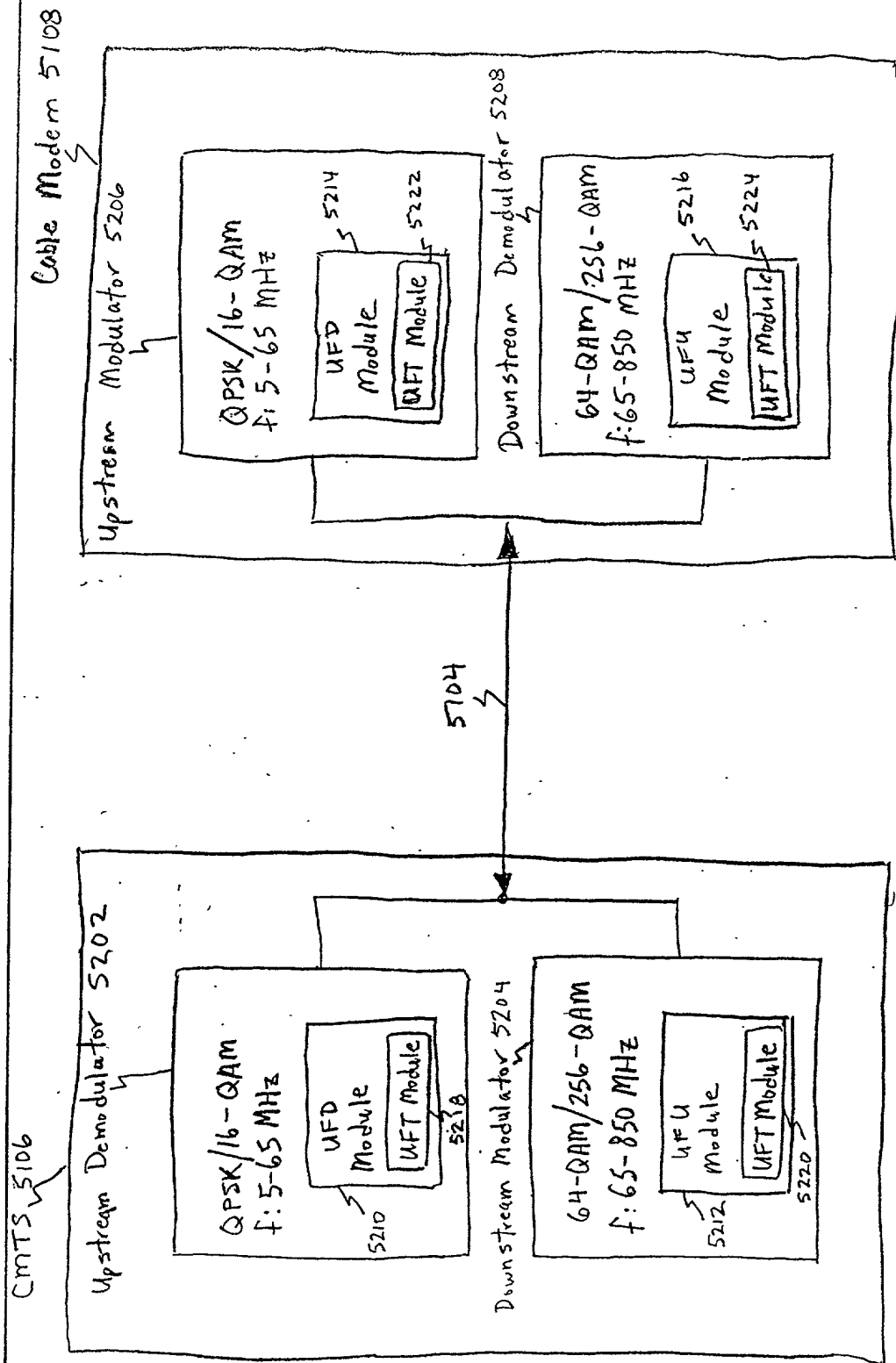


FIG. 52

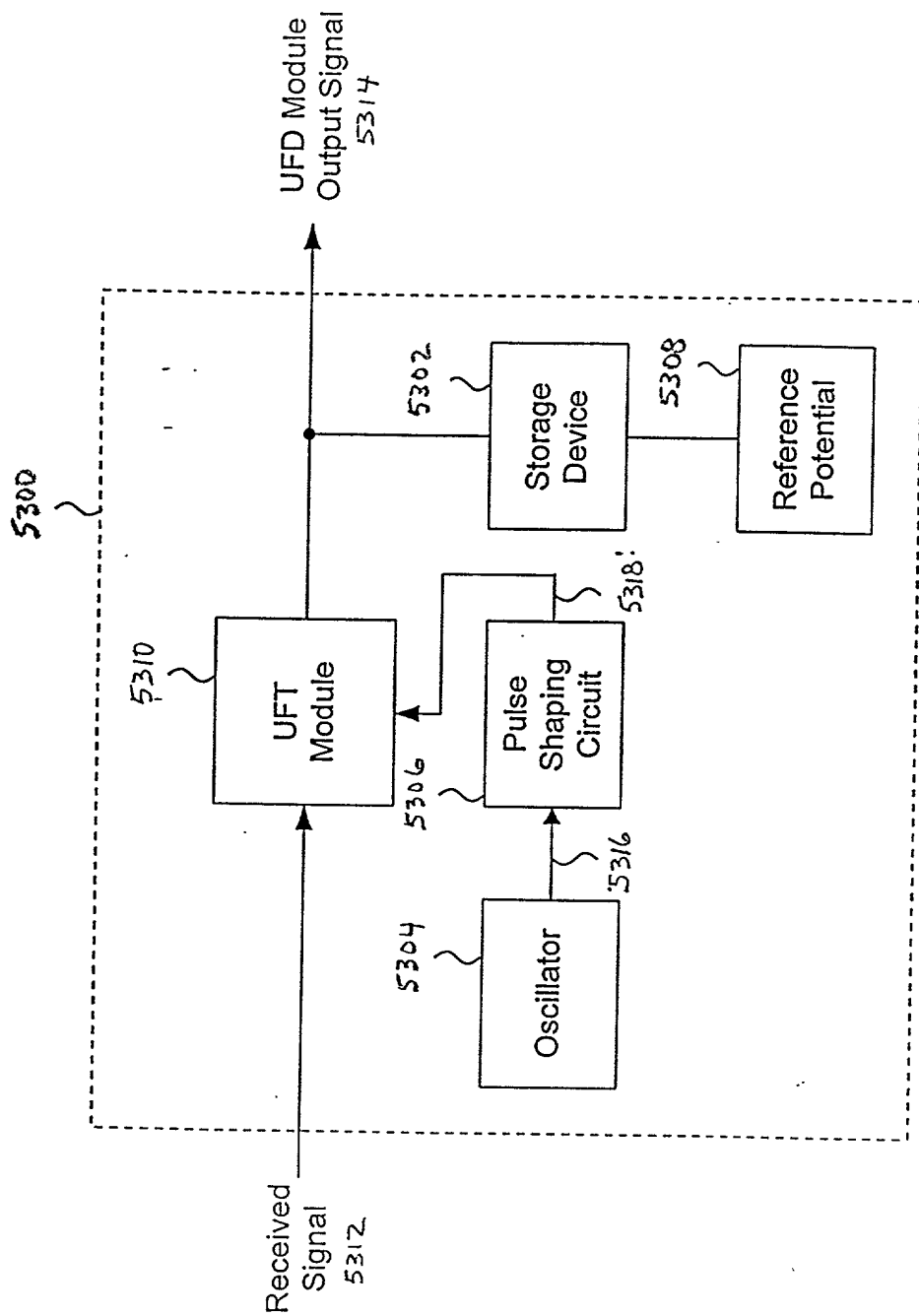


FIG. 53

FIG. 54A

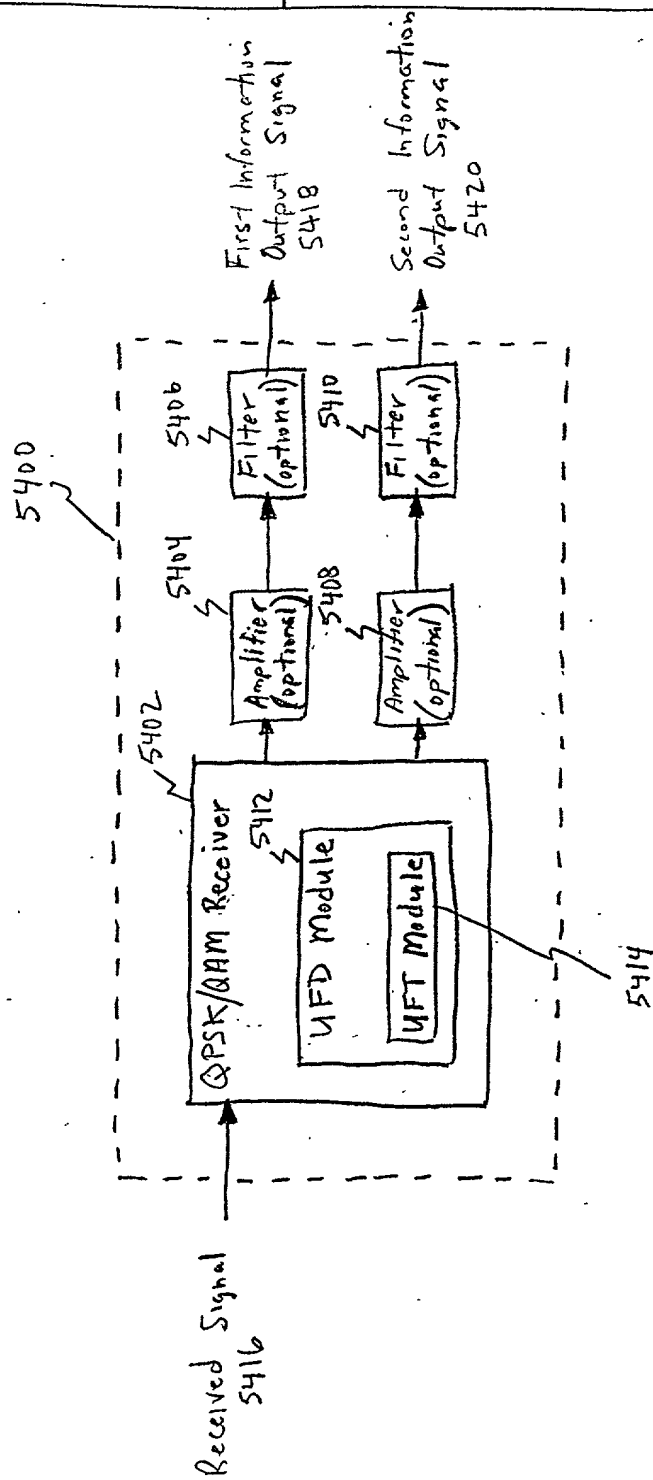


FIG. 54A

FIG. 54A

5400

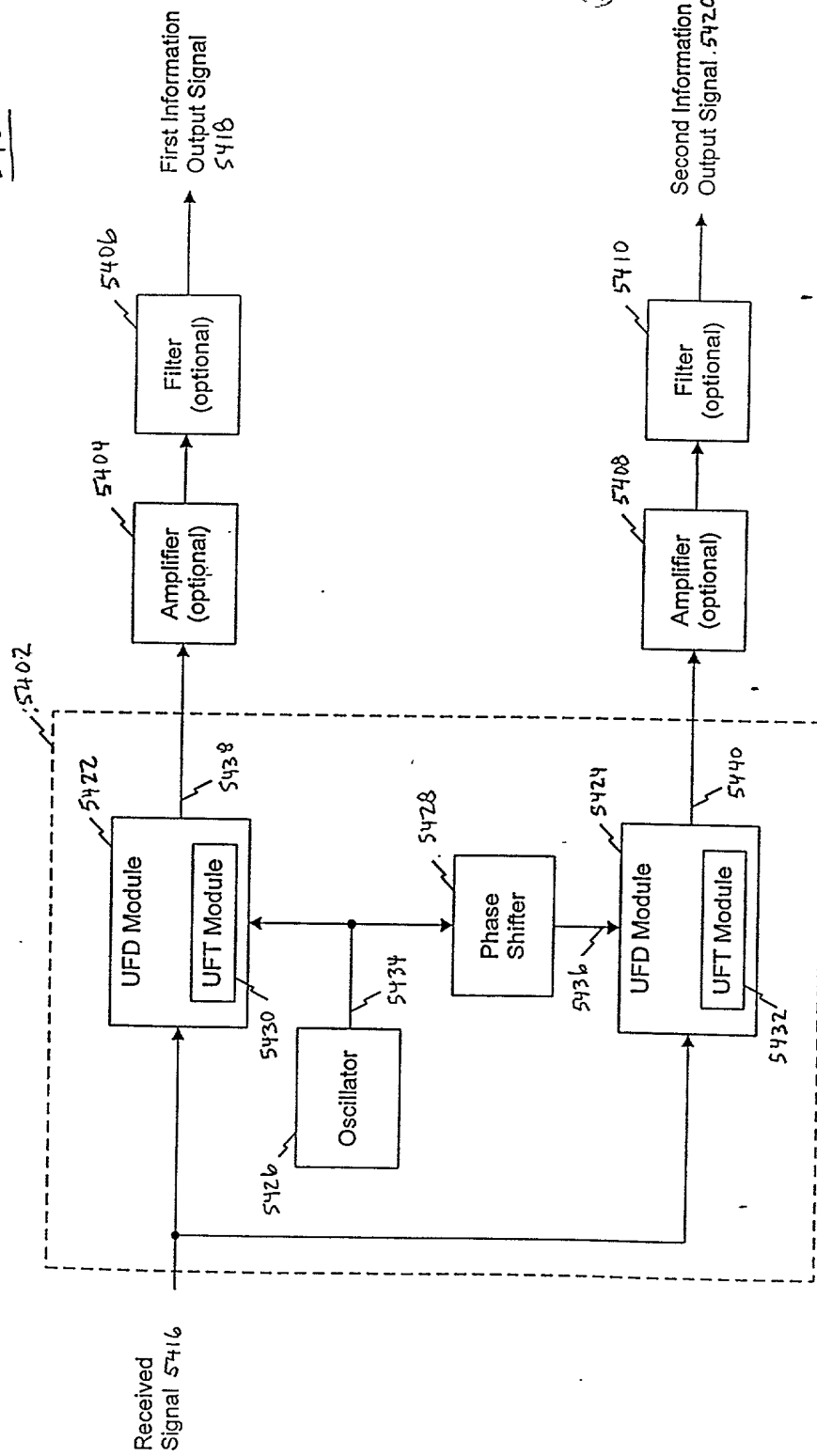


FIG. 54B

FIG. 55

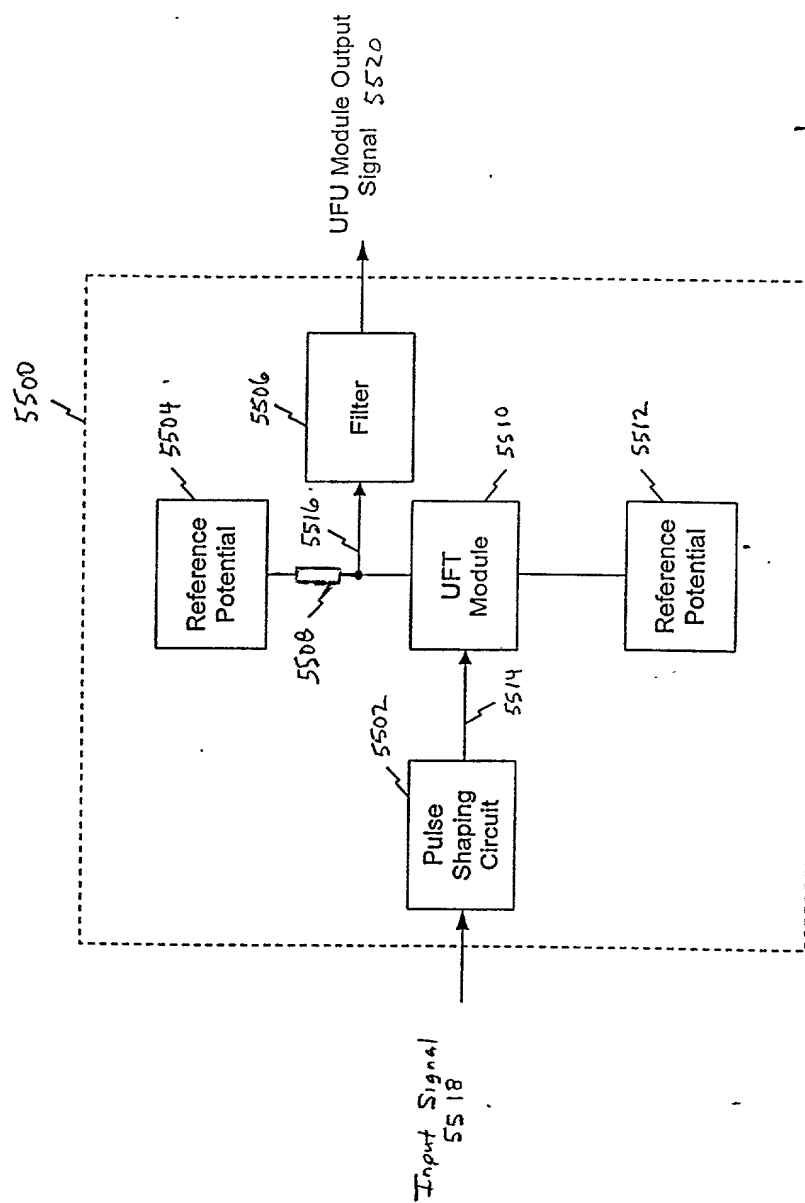


FIG. 55

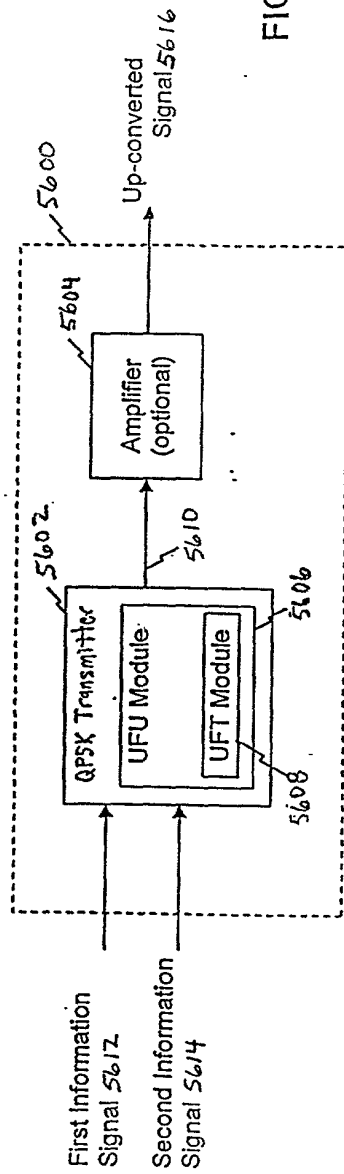


FIG. 56

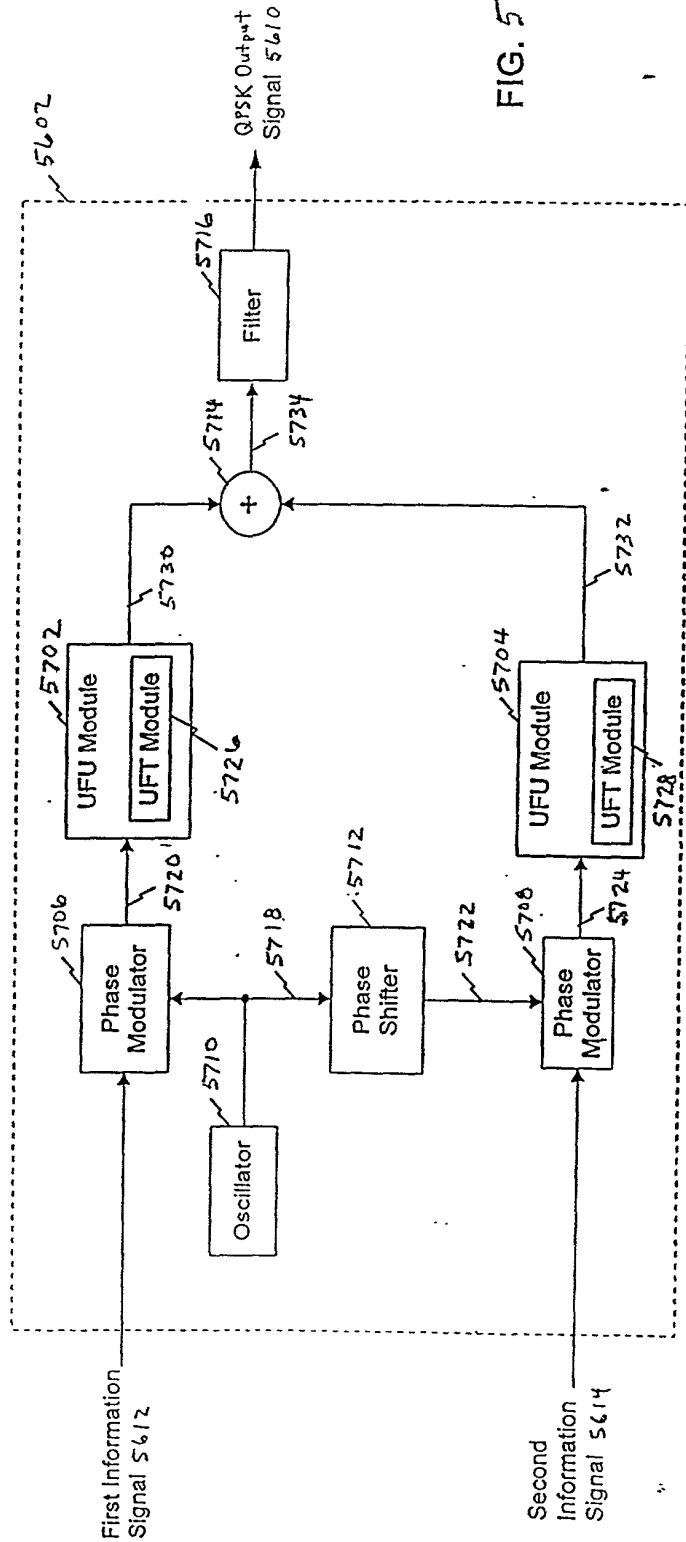


FIG. 57

FIG. 5B

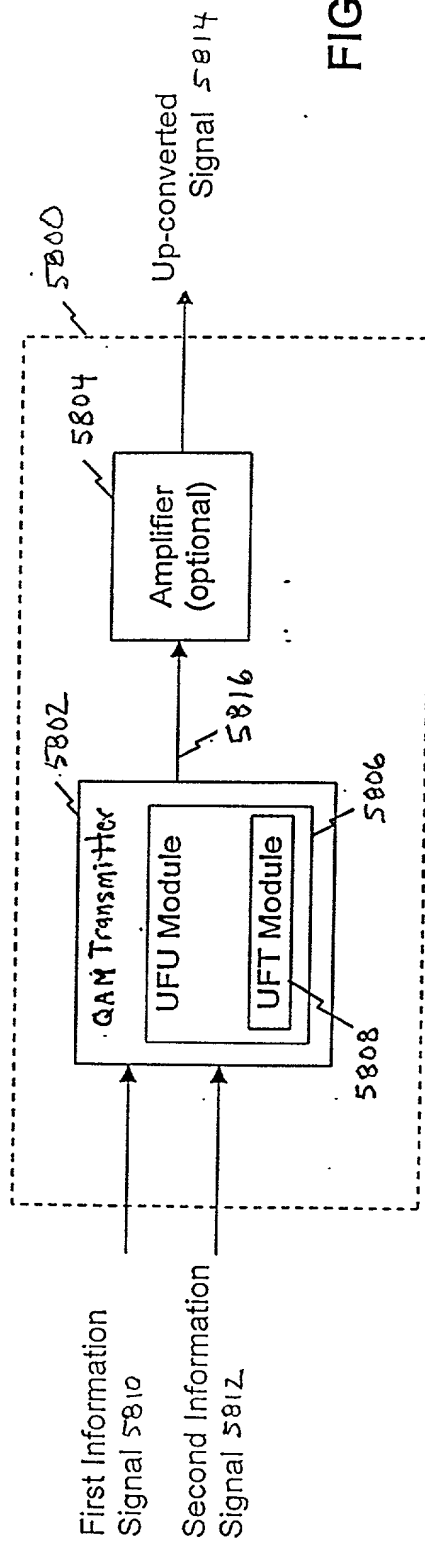


FIG. 5B

FIG. 59

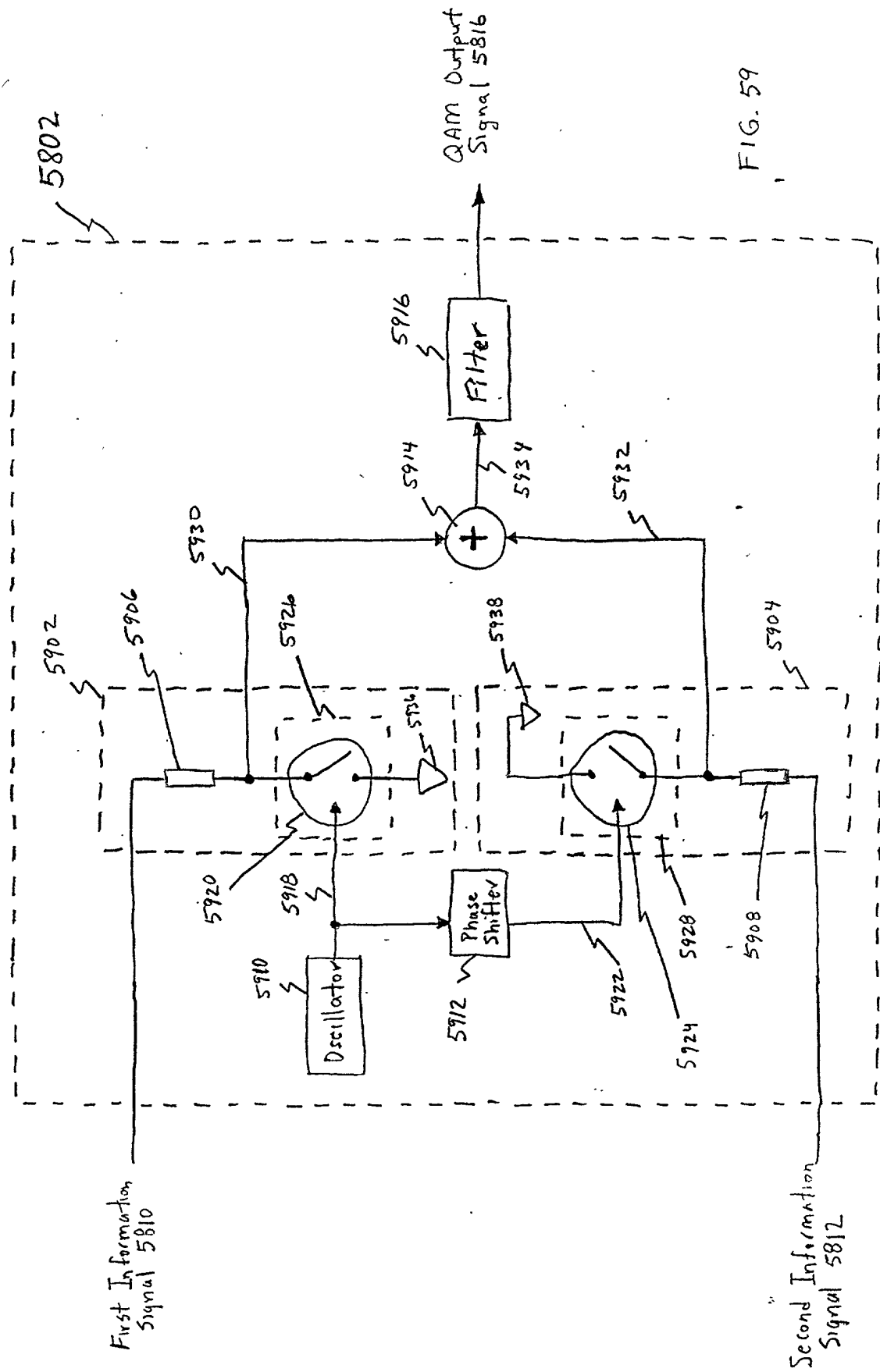


FIG. 59

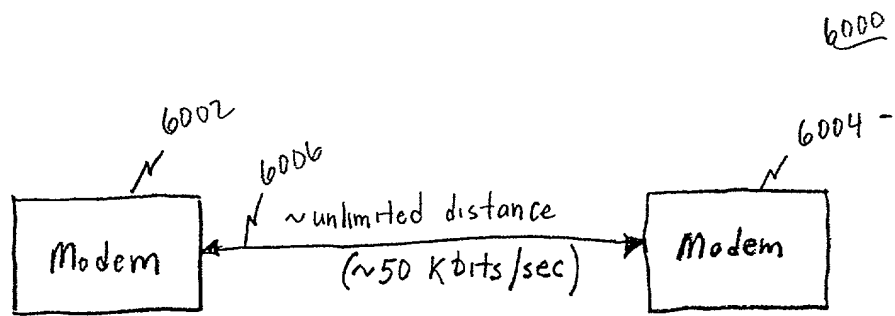
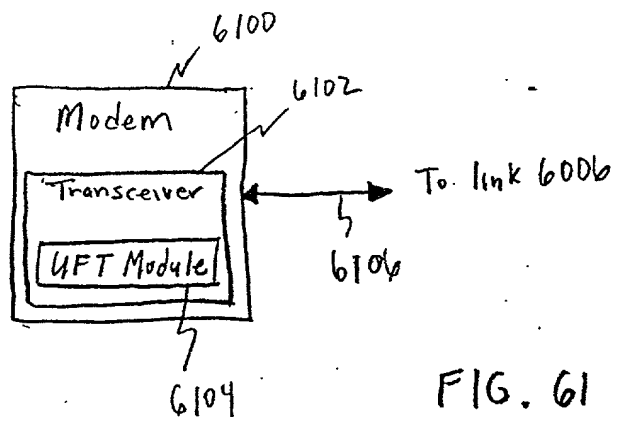


FIG. 60



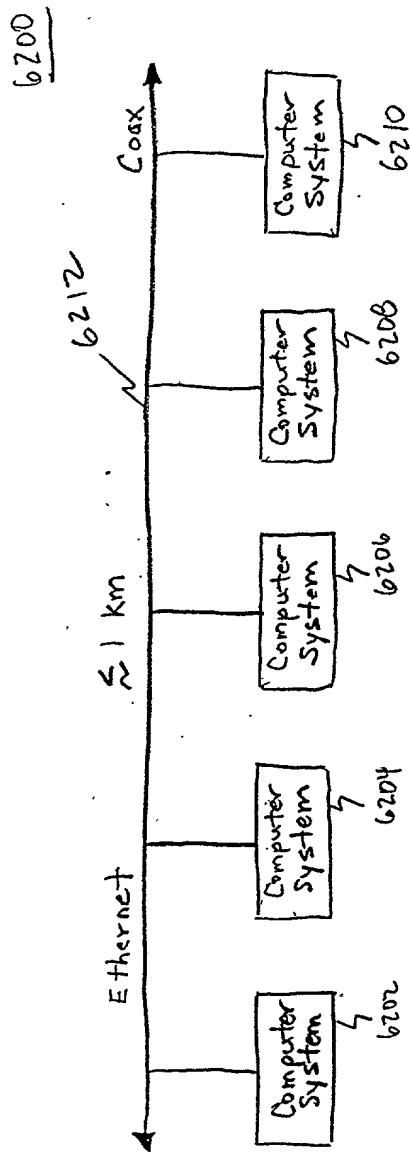


FIG. 62

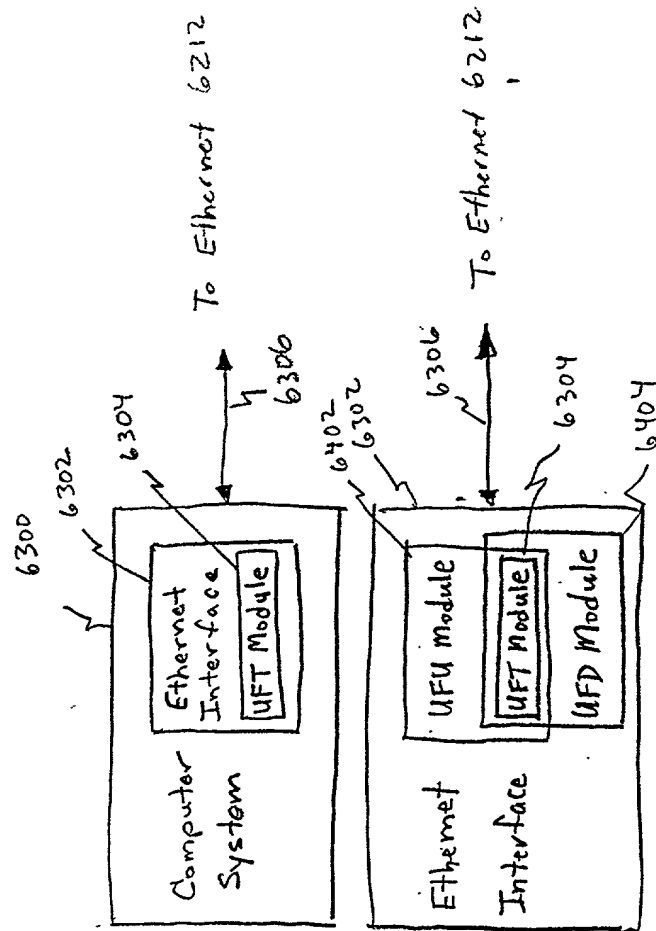


FIG. 63

FIG. 64



FIG. 65

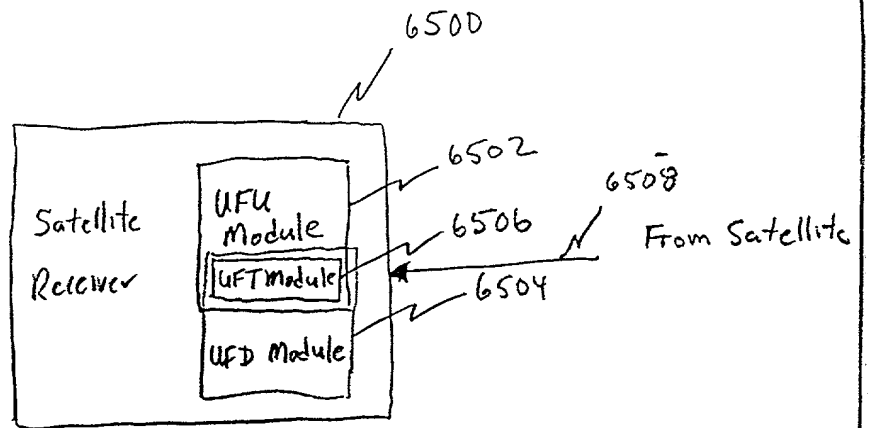


FIG. 66

